

# ARTÍCULOS DEL MES DE ENERO DE 2016

## **[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXLENDO EN REVISTAS INCLUIDAS EN JCR**

- 1 Garcia-Canedo, J. C., Cristiani-Urbina, E., Flores-Ortiz, C. M., Ponce-Noyola, T., Esparza-Garcia, F. & Canizares-Villanueva, R. O. (2016). Batch and Fed-Batch Culture of Scenedesmus Incrassatus: Effect Over Biomass, Carotenoid Profile and Concentration, Photosynthetic Efficiency and Non-Photochemical Quenching. [Algal Research-Biomass Biofuels and Bioproducts](#), 13, 41-52.
- 2 Bermudez, D. (2016). Wronskian Differential Formula for K-Confluent Susy Qm. [Annals of Physics](#), 364, 35-52.
- 3 Kravchenko, V. V., Morelos, S. & Torba, S. M. (2016). Liouville Transformation, Analytic Approximation of Transmutation Operators and Solution of Spectral Problems. [Applied Mathematics and Computation](#), 273, 321-336.
- 4 Garnica-Garza, H. M. (2016). Robotic Stereotactic Radioablation of Breast Tumors: Influence of Beam Size on the Absorbed Dose Distributions. [Applied Radiation and Isotopes](#), 107, 64-70.
- 5 Ramos-Velasco, L. E., Dominguez-Ramirez, O. A. & Parra-Vega, V. (2016). Wavenet Fuzzy Pid Controller for Nonlinear Mimo Systems: Experimental Validation on a High-End Haptic Robotic Interface. [Applied Soft Computing](#), 40, 199-205.
- 6 Fernandez-Luqueno, F., Lopez-Valdez, F., Dendooven, L., Luna-Suarez, S. & Ceballos-Ramirez, J. M. (2016). Why Wastewater Sludge Stimulates and Accelerates Removal of Pahs in Polluted Soils? [Applied Soil Ecology](#), 101, 1-4.
- 7 Munoz-Vazquez, A. J., Parra-Vega, V. & Sanchez-Orta, A. (2016). Uniformly Continuous Differintegral Sliding Mode Control of Nonlinear Systems Subject to Holder Disturbances. [Automatica](#), 66, 179-184.
- 8 Olivares-Nazario, M., Fernandez-Guasti, A. & Martinez-Mota, L. (2016). Age-Related Changes in the Antidepressant-Like Effect of Desipramine and Fluoxetine in the Rat Forced-Swim Test. [Behavioural Pharmacology](#), 27(1), 22-28.
- 9 Vazquez-Jimenez, J. G., Chavez-Reyes, J., Romero-Garcia, T., Zarain-Herzberg, A., Valdes-Flores, J., Galindo-Rosales, J. M., Rueda, A., Guerrero-Hernandez, A. & Olivares-Reyes, J. A. (2016). Palmitic Acid but Not Palmitoleic Acid Induces Insulin Resistance in a Human Endothelial Cell Line by Decreasing Serca Pump Expression. [Cellular Signalling](#), 28(1), 53-59.
- 10 Ibarra, M. N., Almanza, J. M., Cortes, D. A., Escobedo, J. C. & Martinez-Lopez, R. (2016). Chemical Interaction Between Ba-Celsian ( $BaAl_2Si_2O_8$ ) and Molten Aluminum. [Ceramics International](#), 42(2), 3491-3496.

- 11 Martinez-Merlin, I., Guzman-Mendoza, J., Garcia-Hipolito, M., Sanchez-Resendiz, V. M., Lartundo-Rojas, L., Fragoso, R. J. & Falcony, C. (2016). Transparent and Low Surface Roughness HfO<sub>2</sub>: Tb<sup>3+</sup>, Eu<sup>3+</sup> Luminescent Thin Films Deposited by Usp Technique. *Ceramics International*, 42(2), 2446-2455.
- 12 Quiroz-Gonzalez, S., Rodriguez-Torres, E. E., Segura-Alegria, B., Pereira-Venegas, J., Lopez-Gomez, R. E. & Jimenez-Estrada, I. (2016). Detrended Fluctuation Analysis of Compound Action Potentials Re-Corded in the Cutaneous Nerves of Diabetic Rats. *Chaos Solitons & Fractals*, 83, 223-233.
- 13 Xiong, F. R., Schutze, O., Ding, Q. & Sun, J. Q. (2016). Finding Zeros of Nonlinear Functions Using the Hybrid Parallel Cell Mapping Method. *Communications in Nonlinear Science and Numerical Simulation*, 34, 23-37.
- 14 Brown, P. R. & Porter, R. M. (2016). Gears, Pre-gears and Related Domains. *Complex Variables and Elliptic Equations*, 61(1), 89-103.
- 15 Cruz-Olvera, D. & Calaminici, P. (2016). Investigation of Structures and Energy Properties of Molybdenum Carbide Clusters: Insight From Theory. *Computational and Theoretical Chemistry*, 1078, 55-64.
- 16 Sanchez-Escobedo, D., Castelan, M. & Smith, W. A. P. (2016). Statistical 3d Face Shape Estimation From Occluding Contours. *Computer Vision and Image Understanding*, 142, 111-124.
- 17 Garcia-Hernandez, J. J., Gomez-Flores, W. & Rubio-Loyola, J. (2016). Analysis of the Impact of Digital Watermarking on Computer-Aided Diagnosis in Medical Imaging. *Computers in Biology and Medicine*, 68, 37-48.
- 18 Tenorio-Fernandez, L., Gomez-Valdes, J., Marino-Tapia, I., Enriquez, C., Valle-Levinson, A. & Parra, S. M. (2016). Tidal Dynamics in a Frictionally Dominated Tropical Lagoon. *Continental Shelf Research*, 114, 16-28.
- 19 Bahrami, A., Soltani, N., Pech-Canul, M. I. & Gutierrez, C. A. (2016). Development of Metal-Matrix Composites From Industrial/Agricultural Waste Materials and Their Derivatives. *Critical Reviews in Environmental Science and Technology*, 46(2), 143-207.
- 20 Volovichev, I. N. & Gurevich, Y. G. (2016). Mechanisms of Charge Carriers Nonequilibrium in Transport Processes in Bipolar Semiconductors. *Current Applied Physics*, 16(2), 191-196.
- 21 Morales-Martinez, D. & Gonzalez, F. J. (2016). Reversible Reorganization of Alkyl Ester Groups Grafted on Glassy Carbon Electrode: Induction by a Redox Probe. *Electrochemistry Communications*, 62, 21-23.
- 22 Gamboa-Valero, N., Astudillo, P. D., Gonzalez-Fuentes, M. A., Leyva, M. A., Rosales-Hoz, M. D. & Gonzalez, F. J. (2016). Hydrogen Bonding Complexes in the Quinone-Hydroquinone System and the Transition to a Reversible Two-Electron Transfer Mechanism. *Electrochimica Acta*, 188, 602-610.

- 23 Zapotecas-Martinez, S. & Coello, C. A. C. (2016). Monss: a Multi-Objective Nonlinear Simplex Search Approach. [Engineering Optimization](#), 48(1), 16-38.
- 24 Mendez, M. A., Gonzalez-Horta, C., Sanchez-Ramirez, B. et al. (2016). Chronic Exposure to Arsenic and Markers of Cardiometabolic Risk: a Cross-Sectional Study in Chihuahua, Mexico. [Environmental Health Perspectives](#), 124(1), 104-111.
- 25 Perez de los Santos, A. I., Cayetano-Cruz, M., Gutierrez-Anton, M., Santiago-Hernandez, A., Plascencia-Espinosa, M., Farres, A. & Hidalgo-Lara, M. E. (2016). Improvement of Catalytical Properties of Two Invertases Highly Tolerant to Sucrose After Expression in Pichia Pastoris. Effect of Glycosylation on Enzyme Properties. [Enzyme and Microbial Technology](#), 83, 48-56.
- 26 Barba, L., Caraballo, L. E., Diaz-Banez, J. M., Fabila-Monroy, R. & Perez-Castillo, E. (2016). Asymmetric Polygons With Maximum Area. [European Journal of Operational Research](#), 248(3), 1123-1131.
- 27 Garcia-Martinez, B. A., Jaramillo-Morales, O. A., Espinosa-Juarez, J. V. et al. (2016). Antinociceptive Effects of a New Sigma-1 Receptor Antagonist (N-(2-Morpholin-4-Yl-Ethyl)-2-(1-Naphthoxy)Acetamide) in Two Types of Nociception. [European Journal of Pharmacology](#), 771, 10-17.
- 28 Centurion, D., De La Cruz, S. H., Gutierrez-Lara, E. J., Beltran-Ornelas, J. H. & Sanchez-Lopez, A. (2016). Pharmacological Evidence That Nahs Inhibits the Vasopressor Responses Induced by Stimulation of the Preganglionic Sympathetic Outflow in Pithed Rats. [European Journal of Pharmacology](#), 770, 40-45.
- 29 Armenta-Bojorquez, A. D., Roblero-Ramirez, H. R., Camacho-Baez, J. R., Mundo-Ocampo, M., Garcia-Gutierrez, C. & Armenta-Medina, A. (2016). Organic Versus Synthetic Fertilisation of Beans (*Phaseolus Vulgaris L.*) In Mexico. [Experimental Agriculture](#), 52(1), 154-162.
- 30 Clernpner, J. B. & Poznyak, A. S. (2016). Convergence Analysis for Pure Stationary Strategies in Repeated Potential Games: Nash, Lyapunov and Correlated Equilibria. [Expert Systems With Applications](#), 46, 474-484.
- 31 Tochimani, A., Vaz-Pinto, M. & Villarreal, R. H. (2016). Direct Products in Projective Segre Codes. [Finite Fields and Their Applications](#), 39, 96-110.
- 32 Valdivia-Anistro, J. A., Eguiarte-Frums, L. E., Delgado-Sapien, G., Marquez-Zacarias, P., Gasca-Pineda, J., Learned, J., Elser, J. J., Olmedo-Alvarez, G. & Souza, V. (2016). Variability of Rrna Operon Copy Number and Growth Rate Dynamics of Bacillus Isolated From an Extremely Oligotrophic Aquatic Ecosystem. [Frontiers in Microbiology](#), 6, 1486.
- 33 Lomanowska, A. M. & Melo, A. I. (2016). Deconstructing the Function of Maternal Stimulation in Offspring Development: Insights From the Artificial Rearing Model in Rats. [Hormones and Behavior](#), 77, 224-236.

- 34 Nuno-Sanchez, S. A., Ramirez-Trevino, A. & Ruiz-Leon, J. (2016). Structural Sequence Detectability in Free Choice Interpreted Petri Nets. [Ieee Transactions on Automatic Control](#), 61(1), 198-203.
- 35 Menchaca-Mendez, A. & Coello, C. A. C. (2016). Selection Mechanisms Based on the Maximin Fitness Function to Solve Multi-Objective Optimization Problems. [Information Sciences](#), 332, 131-152.
- 36 Nunez-Perez, J. C., Cardenas-Valdez, J. R., Montoya-Villegas, K., Reynoso-Hernandez, J. A., Loo-Yau, J. R., Gontrand, C. & Tlelo-Cuautle, E. (2016). Fpga-Based Test Bed for Measurement of Am/Am and Am/Pm Distortion and Modeling Memory Effects in Rf Pas. [Integration-the Vlsi Journal](#), 52, 291-300.
- 37 Gonzalez-Cuna, S., Galindez-Mayer, J., Ruiz-Ordaz, N., Murugesan, S., Pina-Escobedo, A., Garcia-Mena, J., Lima-Martinez, E. & Santoyo-Tepole, F. (2016). Aerobic Biofilm Reactor for Treating a Commercial Formulation of the Herbicides 2,4-D and Dicamba: Biodegradation Kinetics and Biofilm Bacterial Diversity. [International Biodeterioration & Biodegradation](#), 107, 123-131.
- 38 Hernandez-Garcia, S., Salazar-Montoya, J. A. & Totosaus, A. (2016). Emulsifying Properties of Food Proteins Conjugated With Glucose or Lactose by Two Methods (Spray-Drying or Freeze-Drying). [International Journal of Food Properties](#), 19(3), 526-536.
- 39 Lashkevych, I. & Gurevich, Y. G. (2016). Energy Flux in Semiconductors: Interaction of Thermal and Concentration Nonequilibriums. [International Journal of Heat and Mass Transfer](#), 92, 430-434.
- 40 Thenozhi, S. & Yu, W. (2016). Sliding Mode Control of Wind-Induced Vibrations Using Fuzzy Sliding Surface and Gain Adaptation. [International Journal of Systems Science](#), 47(6), 1258-1267.
- 41 Brigido-Gonzalez, J. D. & Rodriguez-Cortes, H. (2016). Experimental Validation of an Adaptive Total Energy Control System Strategy for the Longitudinal Dynamics of a Fixed-Wing Aircraft. [Journal of Aerospace Engineering](#), 29(1), 1061.
- 42 Valencia-Jaime, I., Sarmiento-Perez, R., Botti, S., Marques, M. A. L., Amsler, M., Goedecker, S. & Romero, A. H. (2016). Novel Crystal Structures for Lithium-Silicon Alloy Predicted by Minima Hopping Method. [Journal of Alloys and Compounds](#), 655, 147-154.
- 43 Santoshkumar, B., Kalyanaraman, S., Vettumperumal, R., Thangavel, R., Kityk, I. V. & Velumani, S. (2016). Structure-Dependent Anisotropy of the Photoinduced Optical Nonlinearity in Calcium Doped Zno Nanorods Grown by Low Cost Hydrothermal Method for Photonic Device Applications. [Journal of Alloys and Compounds](#), 658, 435-439.
- 44 Rodriguez, K. D., Enriquez-Medrano, F. J., Grande, D., Barreto, G. P., Canizo, A., Eyler, N., Merino, G. & Morales, G. (2016). Thermal Decomposition of Diethyl Ketone Triperoxide in Methyl Methacrylate: Theoretical and Experimental Study of the Initial Solvation State and Its Influence on the Polymerization Process. [Journal of Applied Polymer Science](#), 133(4), 42905.

45 Cardenas-Gonzalez, M., Jacobo-Estrada, T., Rodriguez-Munoz, R., Barrera-Chimal, J., Bobadilla, N. A., Barbier, O. C. & Del Razo, L. M. (2016). Sub-Chronic Exposure to Fluoride Impacts the Response to a Subsequent Nephrotoxic Treatment With Gentamicin. [Journal of Applied Toxicology](#), 36(2), 309-319.

46 Leon, P. A. & Martinez, G. J. (2016). Describing Complex Dynamics in Life-Like Rules With De Bruijn Diagrams on Complex and Chaotic Cellular Automata. [Journal of Cellular Automata](#), 11(1), 91-112.

47 Vergara-Castaneda, H., Hernandez-Martinez, A. R., Estevez, M., Mendoza, S., Luna-Barcenas, G. & Pool, H. (2016). Quercetin Conjugated Silica Particles as Novel Biofunctional Hybrid Materials for Biological Applications. [Journal of Colloid and Interface Science](#), 466, 44-55.

48 Pan, S., Moreno, D., Ghosh, S., Chattaraj, P. K. & Merino, G. (2016). Structure and Stability of Noble Gas Bound Ex<sup>3+</sup> Compounds (E = C, Ge, Sn, Pb; X = H, F, Cl, Br). [Journal of Computational Chemistry](#), 37(2), 226-236.

49 Ordaz, P. & Poznyak, A. (2016). Adaptive-Robust Stabilization of the Furuta's Pendulum Via Attractive Ellipsoid Method. [Journal of Dynamic Systems Measurement and Control-Transactions of the Asme](#), 138(2), 021005.

50 Perez-Legaspi, I. A., Ortega-Clemente, L. A., Moha-Leon, J. D., Rios-Leal, E., Gutierrez, S. C. R. & Rubio-Franchini, I. (2016). Effect of the Pesticide Lindane on the Biomass of the Microalgae Nannochloris Oculata. [Journal of Environmental Science and Health Part B-Pesticides Food Contaminants and Agricultural Wastes](#), 51(2), 103-106.

51 Garcia-Armenta, E., Tellez-Medina, D. I., Sanchez-Segura, L., Alamilla-Beltran, L., Hernandez-Sanchez, H. & Gutierrez-Lopez, G. F. (2016). Multifractal Breakage Pattern of Tortilla Chips as Related to Moisture Content. [Journal of Food Engineering](#), 168, 96-104.

52 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of Transverse Momentum Relative to Dijet Systems in Pbpb and Pp Collisions at Root S(Nn)=2.76 Tev. [Journal of High Energy Physics](#), (1), 6.

53 Alazki, H. & Poznyak, A. (2016). Robust Output Stabilization for a Class of Nonlinear Uncertain Stochastic Systems Under Multiplicative and Additive Noises: the Attractive Ellipsoid Method. [Journal of Industrial and Management Optimization](#), 12(1), 169-186.

54 Alvarez, G., Conde-Gallardo, A., Montiel, H. & Zamorano, R. (2016). About Room Temperature Ferromagnetic Behavior in BaTiO<sub>3</sub> Perovskite. [Journal of Magnetism and Magnetic Materials](#), 401, 196-199.

55 Pariona, N., Camacho-Aguilar, K. I., Ramos-Gonzalez, R., Martinez, A. I., Herrera-Trejo, M. & Baggio-Saitovitch, E. (2016). Magnetic and Structural Properties of Ferrihydrite/Hematite Nanocomposites. [Journal of Magnetism and Magnetic Materials](#), 406, 221-227.

- 56 Gimenez, A. J., Ramirez-Wong, D. G., Favela-Camacho, S. E., Sanchez, I. C., Yanez-Limon, J. M. & Luna-Barcenas, G. (2016). Optical Detection of Magnetic Nanoparticles in Colloidal Suspensions. *Journal of Magnetism and Magnetic Materials*, 402, 150-155.
- 57 Xotlanihua-Flores, A., Montes-Tolentino, P., Sanchez-Ruiz, S. A., Suarez-Moreno, G. V., Galvez-Ruiz, J. C., Contreras, R. & Flores-Parra, A. (2016). New N-P-Chloropropyl]-Heterocyclohexanes. Nmr Long Range Shielding Effects of Chlorine Substituent. Use of Bh3 as Freezing Conformational Agent. *Journal of Molecular Structure*, 1106, 322-330.
- 58 Jimenez-Vazquez, E. N., Diaz-Velasquez, C. E., Uribe, R. M., Arias, J. M. & Garcia, U. (2016). Molecular Cloning and Expression of a Gaba Receptor Subunit From the Crayfish Procambarus Clarkii. *Journal of Neuroscience Research*, 94(2), 190-203.
- 59 Hernandez-Cruz, M. G., Zuno-Cruz, F. J., Alvarado-Rodriguez, J. G., Rosales-Hoz, M. J., Leyva, M. A., Salazar, V. & Sanchez-Cabrera, G. (2016). Reactivity of Triruthenium Diphosphine Clusters With 3,5-Bis(Trifluoromethyl)Mercaptobenzene: Electronic and Steric Influence of Diphosphines Onto Coordination Modes of Thiolate, Capping Sulfide, and Phosphide Groups to a Ru-3 Clusters. *Journal of Organometallic Chemistry*, 801, 157-170.
- 60 Ramirez-Andrade, M., De La Cruz-Cruz, J. I., Leyva-Ramirez, M. A., Guzei, I. A. & Paz-Sandoval, M. A. (2016). Synthesis, Structure and Chemistry of Dinuclear and Trinuclear Hexamethylbenzene Ruthenium Acyl Thiolate Compounds. *Journal of Organometallic Chemistry*, 801, 171-182.
- 61 Lardizabal-Gutierrez, D., Gonzalez-Quijano, D., Bartolo-Perez, P., Escobar-Morales, B., Rodriguez-Varela, F. J. & Alonso-Lemus, I. L. (2016). Communication-Synthesis of Self-Doped Metal-Free Electrocatalysts From Waste Leather With High Orr Activity. *Journal of the Electrochemical Society*, 163(2), H15-H17.
- 62 Hernandez-Ramirez, A., Sanchez-Castro, M. E., Alonso-Lemus, I., Aruna, K. K., Karthikeyan, P., Manoharan, R. & Rodriguez-Varela, F. J. (2016). Evaluation of the Nickel Titanate-Modified Pt Nanostructured Catalyst for the Orr in Alkaline Media. *Journal of the Electrochemical Society*, 163(2), F16-F24.
- 63 Ortega-Vidals, P., Juarez-Reyes, S. A., Silva-Ortigoza, G. & Cabrera-Rosas, O. D. (2016). Internal Structure of an Optical Null Ronchi Grating Test for a Plano-Parabolic Lens. *Journal of the Optical Society of America a-Optics Image Science and Vision*, 33(1), 44-51.
- 64 Bogoya, J. M., Bottcher, A., Grudsky, S. M. & Maximenk, E. A. (2016). Eigenvectors of Hermitian Toeplitz Matrices With Smooth Simple-Loop Symbols. *Linear Algebra and Its Applications*, 493, 606-637.
- 65 Gonzalez-Herrera, S. M., Rutiaga-Quinones, O. M., Aguilar, C. N., Ochoa-Martinez, L. A., Contreras-Esquivel, J. C., Lopez, M. G. & Rodriguez-Herrera, R. (2016). Dehydrated Apple Matrix Supplemented With Agave Fructans, Inulin, and Oligofructose. *Lwt-Food Science and Technology*, 65, 1059-1065.

- 66 Trujillo-Vazquez, E., Pech-Canul, M. I., Guia-Tello, J. C. & Pech-Canul, M. A. (2016). Surface Chemistry Modification for Elimination of Hydrophilic Al<sub>4</sub>c<sub>3</sub> in B<sub>4</sub>c/Al Composites. [Materials & Design](#), 89, 94-101.
- 67 Lopez-Salazar, P., Martinez-Juarez, J., Juarez-Diaz, G., De Anda-Salazar, F., Pena-Sierra, R., Garcia-Borquez, A. & Hernandez-De la Luz, A. D. (2016). Characterization of Al<sub>0.047</sub>ga<sub>0.953</sub>sb Layers Grown on Gasb Using Reciprocal Space Maps. [Materials Letters](#), 166, 239-242.
- 68 Lopez-Calzada, G., Hernandez-Martinez, A. R., Cruz-Soto, M., Ramirez-Cardona, M., Rangel, D., Molina, G. A., Luna-Barcenas, G. & Estevez, M. (2016). Development of Meniscus Substitutes Using a Mixture of Biocompatible Polymers and Extra Cellular Matrix Components by Electrospinning. [Materials Science & Engineering C-Materials for Biological Applications](#), 61, 893-905.
- 69 Hamui, L., Monroy, B. M., Kim, K. H., Lopez-Suarez, A., Santoyo-Salazar, J., Lopez-Lopez, M., Cabarrocas, P. R. I. & Santana, G. (2016). Effect of Deposition Temperature on Polymorphous Silicon Thin Films by Pecvd: Role of Hydrogen. [Materials Science in Semiconductor Processing](#), 41, 390-397.
- 70 Santos-Cruz, D., Mayen-Hernandez, S. A., De Moure-Flores, F., Arias-Ceron, J. S. & Santos-Cruz, J. (2016). Evaporated Iron Disulfide Thin Films With Sulfurated Annealing Treatments. [Materials Science in Semiconductor Processing](#), 42, 383-389.
- 71 Galvan, C., Galvan, M., Arias-Ceron, J. S., Lopez-Luna, E., Vilchis, H. & Sanchez-R, V. M. (2016). Structural and Raman Studies of Ga<sub>2</sub>O<sub>3</sub> Obtained on Gaas Substrate. [Materials Science in Semiconductor Processing](#), 41, 513-518.
- 72 Clempner, J. B. & Poznyak, A. S. (2016). Solving the Pareto Front for Multiobjective Markov Chains Using the Minimum Euclidean Distance Gradient-Based Optimization Method. [Mathematics and Computers in Simulation](#), 119, 142-160.
- 73 Morales, R., Segura, E., Somolinos, J. A., Nunez, L. R. & Sira-Ramirez, H. (2016). Online Signal Filtering Based on the Algebraic Method and Its Experimental Validation. [Mechanical Systems and Signal Processing](#), 66-67, 374-387.
- 74 Tang, J., Yu, W., Chai, T. Y., Liu, Z. & Zhou, X. J. (2016). Selective Ensemble Modeling Load Parameters of Ball Mill Based on Multi-Scale Frequency Spectral Features and Sphere Criterion. [Mechanical Systems and Signal Processing](#), 66-67, 485-504.
- 75 Concha, A., Alvarez-Icaza, L. & Garrido, R. (2016). Simultaneous Parameter and State Estimation of Shear Buildings. [Mechanical Systems and Signal Processing](#), 70-71, 788-810.
- 76 Hernandez-Como, N., Morales-Acevedo, A., Aleman, M., Mejia, I. & Quevedo-Lopez, M. A. (2016). Al-Doped Zno Thin Films Deposited by Confocal Sputtering as Electrodes in Zno-Based Thin-Film Transistors. [Microelectronic Engineering](#), 150, 26-31.
- 77 Estrada, M., Rivas, M., Garduno, I., Avila-Herrera, F., Cerdeira, A., Pavanello, M., Mejia, I. & Quevedo-Lopez, M. A. (2016). Temperature Dependence of the Electrical Characteristics up to 370 K of Amorphous in-Ga-Zno Thin Film Transistors. [Microelectronics Reliability](#), 56, 29-33.

78 Alvarez-Silva, M., Uribe-Salas, A., Waters, K. E. & Finch, J. A. (2016). Zeta Potential Study of Pentlandite in the Presence of Serpentine and Dissolved Mineral Species. [Minerals Engineering](#), 85, 66-71.

79 Ruiz-Fuertes, J., Gomis, O., Leon-Luis, S. F. et al. (2016). Pressure-Induced Amorphization of Y<sub>2</sub>O<sub>3</sub>:Eu<sup>3+</sup> Nanoboxes. [Nanotechnology](#), 27(2), 025701.

80 Pech-May, N. W., Mendioroz, A. & Salazar, A. (2016). Simultaneous Measurement of the in-Plane and in-Depth Thermal Diffusivity of Solids Using Pulsed Infrared Thermography With Focused Illumination. [Ndt & E International](#), 77, 28-34.

81 Gomez, W., Pereira, W. C. A. & Infantosi, A. F. C. (2016). Evolutionary Pulse-Coupled Neural Network for Segmenting Breast Lesions on Ultrasonography. [Neurocomputing](#), 175, 877-887.

82 Herrera-Salazar, A., Garcia-Villegas, R., Aragon, J., Sanchez-Trujillo, A., Ceja, V., Martinez-Herrera, A., Merino-Jimenez, C. & Montanez, C. (2016). Overexpression of Mutant Dystrophin Dp71 Delta(78-79) Stimulates Cell Proliferation. [Neuroreport](#), 27(1), 6-11.

83 Martinez-Levy, G. A., Rocha, L., Lubin, F. D. et al. (2016). Increased Expression of Bdnf Transcript With Exon Vi in Hippocampi of Patients With Pharmaco-Resistant Temporal Lobe Epilepsy. [Neuroscience](#), 314, 12-21.

84 Quintero, H., Gomez-Montalvo, A. I. & Lamas, M. (2016). MicroRNA Changes Through Muller Glia Dedifferentiation and Early/Late Rod Photoreceptor Differentiation. [Neuroscience](#), 316, 109-121.

85 Gudino-Mendoza, B., Lopez-Mellado, E. & Alla, H. (2016). A Linear Characterization of the Switching Dynamic Behavior of Timed Continuous Petri Nets With Structural Conflicts. [Nonlinear Analysis-Hybrid Systems](#), 19, 38-59.

86 Vargas-Robles, H., Citalan-Madrid, A. F., Garcia-Ponce, A., Silva-Olivares, A., Shibayama, M., Betanzos, A., Del Valle-Mondragon, L., Nava, P. & Schnoor, M. (2016). Experimental Colitis Is Attenuated by Cardioprotective Diet Supplementation That Reduces Oxidative Stress, Inflammation, and Mucosal Damage. [Oxidative Medicine and Cellular Longevity](#), 2016, 8473242.

87 Ocadiz-Ruiz, R., Fonseca, W., Linford, A. S., Yoshino, T. P., Orozco, E. & Rodriguez, M. A. (2016). The Knockdown of Each Component of the Cysteine Proteinase-Adhesin Complex of Entamoeba Histolytica (Ehcpadh) Affects the Expression of the Other Complex Element as Well as the in Vitro and in Vivo Virulence. [Parasitology](#), 143(1), 50-59.

88 Vargas-Caamal, A., Pan, S., Ortiz-Chi, F., Cabellos, J. L., Boto, R. A., Contreras-Garcia, J., Restrepo, A., Chattaraj, P. K. & Merino, G. (2016). How Strong Are the Metallocene-Metallocene Interactions? Cases of Ferrocene, Ruthenocene, and Osmocene. [Physical Chemistry Chemical Physics](#), 18(1), 550-556.

89 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Resonant T(T)Over-Bar Production in Proton-Proton Collisions at Root S=8 Tev. [Physical Review D](#), 93(1), 012001.

- 90 Saldana-Salazar, U. J. (2016). The Flavor-Blind Principle: a Symmetrical Approach to the Gatto-Sartori-Tonin Relation. [Physical Review D](#), 93(1), 013002.
- 91 Contreras-Astorga, A., Negro, J. & Tristao, S. (2016). Confinement of an Electron in a Non-Homogeneous Magnetic Field: Integrable Vs Superintegrable Quantum Systems. [Physics Letters A](#), 380(1-2), 48-55.
- 92 Eguibar, J. R., Cortes, C., Toriz, C. G., Romero-Carbente, J. C., Gonzalez-Flores, O. & Fernandez-Guasti, A. (2016). Differential Organization of Male Copulatory Patterns in High- and Low-Yawning-Frequency Sublines Versus Outbred Sprague-Dawley Rats. [Physiology & Behavior](#), 153, 84-90.
- 93 Alos, E. & Leon, J. A. (2016). On the Short-Maturity Behaviour of the Implied Volatility Skew for Random Strike Options and Applications to Option Pricing Approximation. [Quantitative Finance](#), 16(1), 31-42.
- 94 Rangel-Mendez, J. A., Arcega-Cabrera, F. E., Fargher, L. F. & Moo-Puc, R. E. (2016). Mercury Levels Assessment and Its Relationship With Oxidative Stress Biomarkers in Children From Three Localities in Yucatan, Mexico. [Science of the Total Environment](#), 543, 187-196.
- 95 Cruz-Lopez, M., Estala-Arias, S. & Murillo-Salas, A. (2016). A Random Walk on the Profinite Completion of Z. [Statistics & Probability Letters](#), 109, 130-138.
- 96 Reyes-Rangel, G., Vargas-Caporali, J. & Juaristi, E. (2016). In Search of Diamine Analogs of the Alpha,Alpha-Diphenyl Prolinol Privileged Chiral Organocatalyst. Synthesis of Diamine Derivatives of Alpha,Alpha-Diphenyl-(S)-Prolinol and Their Application as Organocatalysts in the Asymmetric Michael and Mannich Reactions. [Tetrahedron](#), 72(3), 379-391.
- 97 Mendez-Gamboa, J. A., Castro-Rodriguez, R., Perez-Quintana, I. V., Medina-Esquivel, R. A. & Martel-Arbelo, A. (2016). A Figure of Merit to Evaluate Transparent Conductor Oxides for Solar Cells Using Photonic Flux Density. [Thin Solid Films](#), 599, 14-18.
- 98 Pacheco-Rivera, R., Fattel-Fazenda, S., Arellanes-Robledo, J. et al. (2016). Double Staining of Beta-Galactosidase With Fibrosis and Cancer Markers Reveals the Chronological Appearance of Senescence in Liver Carcinogenesis Induced by Diethylnitrosamine. [Toxicology Letters](#), 241, 19-31.
- 99 Escamilla-Rivera, V., Uribe-Ramirez, M., Gonzalez-Pozos, S., Lozano, O., Lucas, S. & De Vizcaya-Ruiz, A. (2016). Protein Corona Acts as a Protective Shield Against Fe3O4-Peg Inflammation and ROS-Induced Toxicity in Human Macrophages. [Toxicology Letters](#), 240(1), 172-184.
- 100 Zacapala-Gomez, A. E., Del Moral-Hernandez, O., Villegas-Sepulveda, N., Hidalgo-Miranda, A., Romero-Cordoba, S. L., Beltran-Anaya, F. O., Leyva-Vazquez, M. A., Alarcon-Romero, L. D. & Illades-Aguiar, B. (2016). Changes in Global Gene Expression Profiles Induced by HpV 16 E6 Oncoprotein Variants in Cervical Carcinoma C33-a Cells. [Virology](#), 488, 187-195.
- 101 Hernandez, B. A., Sandoval-Jaime, C., Sosnovev, S. V., Green, K. Y. & Gutierrez-Escobedo, A. L. (2016). Nucleolin Promotes in Vitro Translation of Feline Calicivirus Genomic RNA. [Virology](#), 489, 51-62.

102 Alcala, A. C., Medina, F., Gonzalez-Robles, A., Salazar-Villatoro, L., Fragozo-Soriano, R. J., Vasquez, C., Cervantes-Salazar, M., Del Angel, R. M. & Ludert, J. E. (2016). The Dengue Virus Non-Structural Protein 1 (Ns1) Is Secreted Efficiently From Infected Mosquito Cells. [Virology](#), 488, 278-287.

103 Leon-Juarez, M., Martinez-Castillo, M., Shrivastava, G., Garcia-Cordero, J., Villegas-Sepulveda, N., Mondragon-Castelan, M., Mondragon-Flores, R. & Cedillo-Barron, L. (2016). Recombinant Dengue Virus Protein Ns2b Alters Membrane Permeability in Different Membrane Models. [Virology Journal](#), 13, 1.

**[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXLENTO EN OTRAS REVISTAS ESPECIALIZADAS  
(INCLUÍDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)**

104 Cruz-Ortiz, B. R., Diaz-Jimenez, L. & Cortes-Hernandez, A. (2016). Characterization and Biotechnological Clean-up Process of a TiO<sub>2</sub> Spent Catalyst. [International Journal of Environmental Science and Development](#), 7(7), 486-489.

105 Santos-Trigo, M. & Reyes-Rodriguez, A. (2016). The Use of Digital Technology in Finding Multiple Paths to Solve and Extend an Equilateral Triangle Task. [International Journal of Mathematical Education in Science and Technology](#), 47(1), 58-81.

**[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES**

106 Quintanar, L. (2016). Sustaining Life on Planet Earth: Metalloenzymes Mastering Dioxygen and Other Chewy Gases, Metal Ions in Life Sciences, Volume 15, Guest editors: Peter M.H. Kroneck, Martha E. Sosa Torres, Series editors: Astrid Sigel, Helmut Sigel, Roland K.O. Sigel, Springer International Publishing AG, Switzerland, 2015, 329 pp. [ISSN 1559-0836; ISSN 1868-0402 (electronic); ISBN 978-3-319-12414-8; ISBN 978-3-319-12415-5 (eBook); DOI 10.1007/978-3-319-12415-5]. [Journal of Inorganic Biochemistry](#), 156, 48.

107 Alvarez, G., Montiel, H., Conde-Gallardo, A. & Zamorano, R. (2016). Non-Resonant Microwave Absorption in Terbium Powders. [Journal of Superconductivity and Novel Magnetism](#), 29(1), 15-18.

108 Pablo-Rodriguez, N., Olivera-Gomez, L. D., Auñoles-Gamboa, D. & Vega-Cendejas, M. E. (2016). Seasonal Differences in the Feeding Habits of the Antillean Manatee Population (*Trichechus manatus manatus*) in the Fluvial-Lagoon Systems of Tabasco, Mexico. [Marine Mammal Science](#), 32(1), 363-375.

109 Canas, B. C., Miranda, O. G., Parada, A., Tortola, M. & Valle, J. W. F. (2016). Updating neutrino magnetic moment constraints. [Physics Letters B](#), 753, 191-198.

**ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS**

110 Flores, G., Morales-Medina, J. C. & Diaz, A. (2016). Neuronal and brain morphological changes in animal models of schizophrenia. [Behavioural Brain Research](#), 301, 190-203.

111 Marsch-Martinez, N. & De Folter, S. (2016). Hormonal Control of the Development of the Gynoecium. [Current Opinion in Plant Biology](#), 29, 104-114.

112 Del Toro-De Leon, G., Lepe-Soltero, D. & Gillmor, C. S. (2016). Zygotic Genome Activation in Isogenic and Hybrid Plant Embryos. [Current Opinion in Plant Biology](#), 29, 148-153.

113 Gonzalez-Mariscal, G., Caba, M., Martinez-Gomez, M., Bautista, A. & Hudson, R. (2016). Mothers and offspring: The rabbit as a model system in the study of mammalian maternal behavior and sibling interactions: Parental Care. [Hormones and Behavior](#), 77, 30-41.

## ARTÍCULOS DEL MES DE FEBRERO DE 2016

### **[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXLENDO EN REVISTAS INCLUIDAS EN JCR**

- 1 Quintanar, L., Dominguez-Calva, J. A., Serebryany, E., Rivillas-Acevedo, L., Haase-Pettingell, C., Amero, C. & King, J. A. (2016). Copper and Zinc Ions Specifically Promote Nonamyloid Aggregation of the Highly Stable Human Gamma-D Crystallin. [Acs Chemical Biology](#), 11(1), 263-272.
- 2 Rodriguez-Vazquez, R., Sanchez, S., Mena-Espino, X. & Amezcu-Allieri, M. A. (2016). Identification of the Medicinal Plant Species With the Potential for Remediation of Hydrocarbons Contaminated Soils. [Acta Physiologiae Plantarum](#), 38(1), 23.
- 3 Azcorra, H., Vazquez-Vazquez, A., Mendez, N., Salazar, J. C. & Datta-Banik, S. (2016). Maternal maya ancestry and birth weight in Yucatan, Mexico. [American Journal of Human Biology](#), 28, 436-439.
- 4 Valadez-Bustos, M. G., Aguado-Santacruz, G. A., Tiessen-Favier, A., Robledo-Paz, A., Munoz-Orozco, A., Rascon-Cruz, Q. & Santacruz-Varela, A. (2016). A Reliable Method for Spectrophotometric Determination of Glycine Betaine in Cell Suspension and Other Systems. [Analytical Biochemistry](#), 498, 47-52.
- 5 Martinez-Guerra, R., Cruz-Ancona, C. D. & Perez-Pinacho, C. A. (2016). Generalized Multi-Synchronization Viewed as a Multi-Agent Leader-Following Consensus Problem. [Applied Mathematics and Computation](#), 282, 226-236.
- 6 Yu, W., Zamora, E. & Soria, A. (2016). Ellipsoid Slam: a Novel Set Membership Method for Simultaneous Localization and Mapping. [Autonomous Robots](#), 40(1), 125-137.
- 7 Garcia, M., Garcia-Pedraza, J. A., Villalon, C. M. & Moran, A. (2016). Pharmacological Evidence That Histamine H-3 Receptors Mediate Histamine-Induced Inhibition of the Vagal Bradycardic Out-Flow in Pithed Rats. [Basic & Clinical Pharmacology & Toxicology](#), 118(2), 113-121.
- 8 Quintas-Granados, L. I., Carvajal-Gamez, B. I., Villalpando, J. L., Ortega-Lopez, J., Arroyo, R., Azuara-Liceaga, E. & Alvarez-Sanchez, M. E. (2016). Bifunctional activity of deoxyhypusine synthase/hydroxylase from Trichomonas vaginalis. [Biochimie](#), 123, 37-51.
- 9 Albores-Garcia, D., Acosta-Saavedra, L. C., Hernandez, A. J., Loera, M. J. & Calderon-Aranda, E. S. (2016). Early Developmental Low-Dose Methylmercury Exposure Alters Learning and Memory in Periadolescent but Not Young Adult Rats. [Biomed Research International](#), 2016, 6532108.
- 10 Alvarado-Serrano, C., Luna-Lozano, P. S. & Pallas-Areny, R. (2016). An algorithm for beat-to-beat heart rate detection from the BCG based on the continuous spline wavelet transform. [Biomedical Signal Processing and Control](#), 27, 96-102.

- 11 Ortiz, M. I., Fernandez-Martinez, E., Soria-Jasso, L. E., Lucas-Gomez, I., Villagomez-Ibarra, R., Gonzalez-Garcia, M. P., Castaneda-Hernandez, G. & Salinas-Caballero, M. (2016). Isolation, Identification and Molecular Docking as Cyclooxygenase (Cox) Inhibitors of the Main Constituents of Matricaria Chamomilla L. Extract and Its Synergistic Interaction With Diclofenac on Nociception and Gastric Damage in Rats. [Biomedicine & Pharmacotherapy](#), 78, 248-256.
- 12 Barragan-Iglesias, P., Pineda-Farias, J. B., Bravo-Hernandez, M., Cervantes-Duran, C., Price, T. J., Murbartian, J. & Granados-Soto, V. (2016). Predominant Role of Spinal P2y(1) Receptors in the Development of Neuropathic Pain in Rats. [Brain Research](#), 1636, 43-51.
- 13 Vidal-Dorsch, D. E., Bay, S. M., Moore, S. et al. (2016). Ecotoxicogenomics: Microarray Interlaboratory Comparability. [Chemosphere](#), 144, 193-200.
- 14 Romero-Nava, R., Rodriguez, J. E., Resendiz-Albor, A. A., Sanchez-Munoz, F., Ruiz-Hernandez, A., Huang, F., Hong, E. & Villafana, S. (2016). Changes in Protein and Gene Expression of Angiotensin II Receptors (At1 and At2) in Aorta of Diabetic and Hypertensive Rats. [Clinical and Experimental Hypertension](#), 38(1), 56-62.
- 15 Alcantara-Montiel, J. C., Staines-Boone, T., Lopez-Herrera, G., Espinosa-Rosales, F., Espinosa-Padilla, S. E., Hernandez-Rivas, R. & Santos-Argumedo, L. (2016). Functional Characterization of Two New Stat3 Mutations Associated With Hyper-IgE Syndrome in a Mexican Cohort. [Clinical Genetics](#), 89(2), 217-221.
- 16 Sotelo-Castanon, J., Gutierrez-Robles, J. A., Moreno, P., Galvan-Sanchez, V. A., Garcia-Sanchez, J. L. & Banuelos-Cabral, E. S. (2016). Characterization of Signals Consisting of Multiple Time-Varying Sinusoidal Components. [Compel-the International Journal for Computation and Mathematics in Electrical and Electronic Engineering](#), 35(1), 80-101.
- 17 Delgado-Aguinaga, J. A., Besancon, G., Begovich, O. & Carvajal, J. E. (2016). Multi-leak diagnosis in pipelines based on Extended Kalman Filter. [Control Engineering Practice](#), 49, 139-148.
- 18 Lopez-Valdez, H. H., Sanchez-Cruz, H. & Mascorro-Pantoja, M. C. (2016). Single chains to represent groups of objects. [Digital Signal Processing](#), 51, 73-81.
- 19 Hernandez-Leon, A., Fernandez-Guasti, A. & Gonzalez-Trujano, M. E. (2016). Rutin Antinociception Involves Opioidergic Mechanism and Descending Modulation of Ventrolateral Periaqueductal Grey Matter in Rats. [European Journal of Pain](#), 20(2), 274-283.
- 20 Pinacho-Garcia, M., Marichal-Cancino, B. A. & Villalon, C. M. (2016). Further Evidence for the Role of Histamine H-3, but Not H-1, H-2 or H-4, Receptors in Immeip-Induced Inhibition of the Rat Cardioaccelerator Sympathetic Outflow. [European Journal of Pharmacology](#), 773, 85-92.
- 21 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of Differential Cross Sections for Higgs Boson Production in the Diphoton Decay Channel in Pp Collisions at Root S=8tev. [European Physical Journal C](#), 76(1), 13.

- 22 Chaquilla-Quilca, G., Balandran-Quintana, R. R., Azamar-Barrios, J. A., Montfort, G. R. C., Mendoza-Wilson, A. M., Mercado-Ruiz, J. N., Madera-Santana, T. J., Lopez-Franco, Y. L. & Luna-Valdez, J. G. (2016). Synthesis of Tubular Nanostructures From Wheat Bran Albumins During Proteolysis With V8 Protease in the Presence of Calcium Ions. *Food Chemistry*, 200, 16-23.
- 23 Estrada-Mata, E., Navarro-Arias, M. J., Perez-Garcia, L. A., Mellado-Mojica, E., Lopez, M. G., Csonka, K., Gacser, A. & Mora-Montes, H. M. (2016). Members of the Candida Parapsilosis Complex and Candida Albicans Are Differentially Recognized by Human Peripheral Blood Mononuclear Cells. *Frontiers in Microbiology*, 6, 1527.
- 24 Gomez-Lunar, Z., Hernandez-Gonzalez, I., Rodriguez-Torres, M. D., Souza, V. & Olmedo-Alvarez, G. (2016). Microevolution Analysis of Bacillus Coahuilensis Unveils Differences in Phosphorus Acquisition Strategies and Their Regulation. *Frontiers in Microbiology*, 7, 58.
- 25 Rivera-Tapia, E. D., Fajardo, C. A., Avila-Vega, A. J., Avila, C. F., Sanchez-Arevalo, F. M., Chango-Villacis, I., Quiroz-Chavez, F. J., Santoyo-Salazar, J. & Dante, R. C. (2016). Synthesis of Boron Carbon Nitride Oxide (Bcno) From Urea and Boric Acid. *Fullerenes Nanotubes and Carbon Nanostructures*, 24(1), 8-12.
- 26 Shkvarko, Y. V., Yanez, J. I., Amao, J. A. & Del Campo, G. D. M. (2016). Radar/Sar Image Resolution Enhancement Via Unifying Descriptive Experiment Design Regularization and Wavelet-Domain Processing. *Ieee Geoscience and Remote Sensing Letters*, 13(2), 152-156.
- 27 Lin, Q. Z., Liu, Z. W., Yan, Q., Du, Z. H., Coello, C. A. C., Liang, Z. P., Wang, W. J. & Chen, J. Y. (2016). Adaptive Composite Operator Selection and Parameter Control for Multiobjective Evolutionary Algorithm. *Information Sciences*, 339, 332-352.
- 28 Baque, L., Padmasree, K. P., Reyes, M. A. C., Troiani, H., Serquis, A. & Soldati, A. (2016). Improved Sr<sub>0.6</sub>La<sub>0.4</sub>Co<sub>0.8</sub>Fe<sub>0.2</sub>O<sub>3</sub>-Delta/Ce<sub>0.8</sub>Y<sub>0.2</sub>O<sub>2</sub>-Delta Interface for It-Sofc Applications. *International Journal of Hydrogen Energy*, 41(3), 1958-1965.
- 29 Morales-Acosta, D., Rodriguez-Varela, F. J. & Benavides, R. (2016). Template-Free Synthesis of Ordered Mesoporous Carbon: Application as Support of Highly Active Pt Nanoparticles for the Oxidation of Organic Fuels. *International Journal of Hydrogen Energy*, 41(5), 3387-3398.
- 30 Lashkevych, I. & Gurevich, Y. G. (2016). Linear Electrical Conductivity of a Bipolar Semiconductor: Heating and Recombination. *International Journal of Thermophysics*, 37(1).
- 31 Ayala-Sumuano, J. T., Velez-Delvalle, C., Marsch-Moreno, M., Beltran-Langarica, A., Hernandez-Mosqueira, C. & Kuri-Harcuch, W. (2016). Retinoic Acid Inhibits Adipogenesis Modulating C/Ebp Beta Phosphorylation and Down Regulating Srebf1a Expression. *Journal of Cellular Biochemistry*, 117(3), 629-637.
- 32 Casares-Salazar, R. & Marino-Tapia, I. (2016). Influence of the Remote Forcing and Local Winds on the Barotropic Hydrodynamics of an Elongated Coastal Lagoon. *Journal of Coastal Research*, 32(1), 116-130.

- 33 Mayoral-Villa, E., Alvarado-Rodriguez, C. E., Klapp, J., Gomez-Gesteira, M. & Sigalotti, L. G. (2016). Smoothed particle hydrodynamics: Applications to migration of radionuclides in confined aqueous systems. [Journal of Contaminant Hydrology](#), 187, 65-78.
- 34 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for a Very Light Nmssm Higgs Boson Produced in Decays of the 125 Gev Scalar Boson and Decaying Into Tau Leptons in Pp Collisions at Root 8=Tev. [Journal of High Energy Physics](#), (1), 079.
- 35 Gonzalez-Dominguez, E., Dominguez-Soto, A., Nieto, C. et al. (2016). Atypical Activin a and Il-10 Production Impairs Human Cd16(+) Monocyte Differentiation Into Anti- Inflammatory Macrophages. [Journal of Immunology](#), 196(3), 1327-1337.
- 36 Salinas-Beltran, J., Salinas-Rodriguez, A., Gutierrez-Castaneda, E. & Lara, R. D. (2016). Effects of Processing Conditions on the Final Microstructure and Magnetic Properties in Non-Oriented Electrical Steels. [Journal of Magnetism and Magnetic Materials](#), 406, 159-165.
- 37 Jasso-Fuentes, H., Escobedo-Trujillo, B. A. & Mendoza-Perez, A. F. (2016). The Lagrange and the Vanishing Discount Techniques to Controlled Diffusions With Cost Constraints. [Journal of Mathematical Analysis and Applications](#), 437(2), 999-1035.
- 38 Ramos, A., Raposo, M., Mila, M. et al. (2016). Verification of Inter-Laboratorial Genotyping Consistency in the Molecular Diagnosis of Polyglutamine Spinocerebellar Ataxias. [Journal of Molecular Neuroscience](#), 58(1), 83-87.
- 39 Garcia-Lopez, M. C., Munoz-Flores, B. M., Chan-Navarro, R., Jimenez-Perez, V. M., Moggio, I., Arias, E., Rodriguez-Ortega, A. & Ochoa, M. E. (2016). Microwave-Assisted Synthesis, Third-Order Nonlinear Optical Properties, Voltammetry Cyclic and Theoretical Calculations of Organotin Compounds Bearing Push-Pull Schiff Bases. [Journal of Organometallic Chemistry](#), 806, 68-76.
- 40 Xochitiotzi-Flores, E., Islas-Mejia, A. A., Garcia-Ortega, H. et al. (2016). On the Structure of Meso-Substituted F-Bodipys and Their Assembly in Molecular Crystals: an Experimental-Theoretical Approach. [Journal of Organometallic Chemistry](#), 805, 148-157.
- 41 Rodriguez-Guerrero, L., Santos-Sanchez, O. & Mondie, S. (2016). A Constructive Approach for an Optimal Control Applied to a Class of Nonlinear Time Delay Systems. [Journal of Process Control](#), 40, 35-49.
- 42 Mejia-Garcia, C., Sanchez-Sanchez, A., Ayala-Torres, M. A., Lopez-Lopez, J. L., Paniagua-Mercado, A. M., Frutis, M. A. A. & Romero-Ibarra, J. (2016). Effect of the Al Concentration in Zinc Oxide Nanowires Hydrothermally Grown on Ito-Pet. [Journal of the Australian Ceramic Society](#), 52(1), 56-59.
- 43 Guerra-Fuentes, L., Lara, R. D., Hernandez-Rodriguez, M. A. L., Salinas-Rodriguez, A. & Garcia-Sanchez, E. (2016). Thermal Stability and Phase Transformations of a Fv535 Steel. [Journal of Thermal Analysis and Calorimetry](#), 123(1), 27-33.

- 44 Victoria-Valenzuela, D., Herrera-Ordonez, J. & Luna-Barcenas, G. (2016). Toward a General Methodology for Modeling Diffusive-Controlled Reactions in Free Radical Polymerization. [Macromolecular Theory and Simulations](#), 25(1), 28-44.
- 45 Kumar-Jayaraman, V., Maldonado-Alvarez, A., Matsumoto-Kuwabara, Y., Koudriavstev, Y. & Olvera-Amador, M. L. (2016). Effect of co-doping concentration on structural, morphological, optical and electrical properties of aluminium and indium co-doped ZnO thin films deposited by ultrasonic spray pyrolysis. [Materials Science in Semiconductor Processing](#), 47, 32-36.
- 46 Enriquez-Zarate, J., Silva-Navarro, G. & Abundis-Fong, H. F. (2016). Active Vibration Suppression Through Positive Acceleration Feedback on a Building-Like Structure: an Experimental Study. [Mechanical Systems and Signal Processing](#), 72-73, 451-461.
- 47 Alvarado-Macias, G., Fuentes-Aceituno, J. C. & Nava-Alonso, F. (2016). Study of Silver Leaching With the Thiosulfate-Nitrite-Copper Alternative System: Effect of Thiosulfate Concentration and Leaching Temperature. [Minerals Engineering](#), 86, 140-148.
- 48 Chavez-Solano, M., Ibarra-Sanchez, A., Trevino, M., Gonzalez-Espinosa, C. & Lamas, M. (2016). Fyn kinase genetic ablation causes structural abnormalities in mature retina and defective Muller cell function. [Molecular and Cellular Neuroscience](#), 72, 91-100.
- 49 Rangel-Kuoppa, V. T., Tonkikh, A., Zakharov, N., Eisenschmidt, C. & Werner, P. (2016). Valence Band Offset at the Si/SiSn Interface by Applying Deep Level Transient Spectroscopy. [Nanotechnology](#), 27(7), 075705.
- 50 Lozano-Amado, D., Herrera-Solorio, A. M., Valdes, J., Aleman-Lazarini, L., Almaraz-Barrera, M. D. J., Luna-Rivera, E., Vargas, M. & Hernandez-Rivas, R. (2016). Identification of Repressive and Active Epigenetic Marks and Nuclear Bodies in Entamoeba Histolytica. [Parasites & Vectors](#), 9(1), 19.
- 51 Tzitzitlini, A. G., Pedro, S. C., Martha, P. A. E., Rodolfo, D. L. & Arturo, H. C. (2016). Modulation of Spontaneous Intracellular Ca<sup>2+</sup> Fluctuations and Spontaneous Cholinergic Transmission in Rat Chromaffin Cells in Situ by Endogenous Gaba Acting on Gaba(a) Receptors. [Pflugers Archiv-European Journal of Physiology](#), 468(2), 351-365.
- 52 Cervantes-Duran, C., Vidal-Cantu, G. C., Godinez-Chaparro, B. & Granados-Soto, V. (2016). Role of Spinal 5-HT<sub>2</sub> Receptors Subtypes in Formalin-Induced Long-Lasting Hypersensitivity. [Pharmacological Reports](#), 68(2), 434-442.
- 53 Camargo-Martinez, J. A. & Baquero, R. (2016). Effects of Pb Doping on Structural and Electronic Properties of Bi<sub>2</sub>sr<sub>2</sub>ca<sub>2</sub>cu<sub>3</sub>o<sub>10</sub>. [Physica C-Superconductivity and Its Applications](#), 521, 22-28.
- 54 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Centrality Dependence of Pion Freeze-Out Radii in Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Physical Review C](#), 93(2), 024905.
- 55 Ayon-Beato, E., Higuita-Borja, D. & Mendez-Zavaleta, J. A. (2016). Rotating (a)Ds Black Holes in Bigravity. [Physical Review D](#), 93(2), 024049.

- 56 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Vectorlike Charge 2/3 T Quarks in Proton-Proton Collisions at Root(S)=8 Tev. [Physical Review D](#), 93(1), 012003.
- 57 Carvente, O., Salazar-Cruz, M., Penunuri, F. & Ruiz-Suarez, J. C. (2016). Dynamic Self-Assembly of Non-Brownian Spheres Studied by Molecular Dynamics Simulations. [Physical Review E](#), 93(2), 020902.
- 58 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Study of B Meson Production in P Plus Pb Collisions at Root S(Nn)=5.02 Tev Using Exclusive Hadronic Decays. [Physical Review Letters](#), 116(3), 032301.
- 59 Garnica-Garza, H. M. (2016). Stereotactic Breast Irradiation With Kilovoltage X-Ray Beams. [Physics in Medicine and Biology](#), 61(2), 983-995.
- 60 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). A Search for Pair Production of New Light Bosons Decaying Into Muons. [Physics Letters B](#), 752, 146-168.
- 61 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2016). Precise Measurement of the Top Quark Mass in Dilepton Decays Using Optimized Neutrino Weighting. [Physics Letters B](#), 752, 18-26.
- 62 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Neutral MSSM Higgs Bosons Decaying to Mu(+) Mu(-) in Pp Collisions at Root S=7 and 8 Tev. [Physics Letters B](#), 752, 221-246.
- 63 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Search for Weakly Decaying ( $\Lambda$  N)Over-Bar and Lambda Lambda Exotic Bound States in Central Pb-Pb Collisions at Root S-Nn=2.76 Tev. [Physics Letters B](#), 752, 267-277.
- 64 Ventura-Aquino, E., Banos-Araujo, J., Fernandez-Guasti, A. & Paredes, R. G. (2016). An unknown male increases sexual incentive motivation and partner preference: Further evidence for the Coolidge effect in female rats. [Physiology & Behavior](#), 158, 54-59.
- 65 Pais-Morales, J., Betanzos, A., Garcia-Rivera, G., Chavez-Munguia, B., Shibayama, M. & Orozco, E. (2016). Resveratrol Induces Apoptosis-Like Death and Prevents in Vitro and in Vivo Virulence of Entamoeba Histolytica. [Plos One](#), 11(1), e0146287.
- 66 Galan-Vasquez, E., Sanchez-Osorio, I. & Martinez-Antonio, A. (2016). Transcription Factors Exhibit Differential Conservation in Bacteria With Reduced Genomes. [Plos One](#), 11(1), e0146901.
- 67 Balcazar-Lopez, E., Mendez-Lorenzo, L. H., Batista-Garcia, R. A. et al. (2016). Xenobiotic Compounds Degradation by Heterologous Expression of a *Trametes Sanguineus* Laccase in *Trichoderma Atroviride*. [Plos One](#), 11(2), e0147997.
- 68 Pech-May, N. W., Vales-Pinzon, C., Vega-Flick, A., Cifuentes, A., Oleaga, A., Salazar, A. & Alvarado-Gil, J. J. (2016). Study of the thermal properties of polyester composites loaded with oriented carbon nanofibers using the front-face flash method. [Polymer Testing](#), 50, 255-261.

69 Rojas-Trigos, J. B., Lopez-Lopez, M., Venegas, M. A., Contreras-Puente, G. S., Jimenez-Olarte, D. & Santana-Rodriguez, G. (2016). Electrical Characterization of Gan/Aln Heterostructures Grown by Molecular Beam Epitaxy on Silicon Substrates. [Revista Mexicana De Fisica](#), 62(1), 68-72.

70 Vasquez-a, M. A., Romero-Paredes, G., Andraca-Adame, J. A. & Pena-Sierra, R. (2016). Fabrication and Characterization of Zno:Zn(N(+))/Porous-Silicon/Si(P) Heterojunctions for White Light Emitting Diodes. [Revista Mexicana De Fisica](#), 62(1), 5-9.

71 Durango-Garcia, C. J., Jalife, S., Cabellos, J. L., Martinez, S. H., Jimenez-Halla, J. O. C., Pan, S., Merino, G. & Montiel-Palma, V. (2016). Back to Basics: Identification of Reaction Intermediates in the Mechanism of a Classic Ligand Substitution Reaction on Vaska's Complex. [Rsc Advances](#), 6(4), 3386-3392.

72 Sanchez-Leija, R. J., Torres-Lubian, J. R., Resendiz-Rubio, A., Luna-Barcenas, G. & Mota-Morales, J. D. (2016). Enzyme-Mediated Free Radical Polymerization of Acrylamide in Deep Eutectic Solvents. [Rsc Advances](#), 6(16), 13072-13079.

73 Cheng, J. W., Zhao, Z. C., Li, B. et al. (2016). A Comprehensive Characterization of Simple Sequence Repeats in Pepper Genomes Provides Valuable Resources for Marker Development in Capsicum. [Scientific Reports](#), 6, 18919.

74 De La Cruz, O. H., Marchat, L. A., Guillen, N. et al. (2016). Multinucleation and Polykaryon Formation Is Promoted by the Ehpc4 Transcription Factor in Entamoeba Histolytica. [Scientific Reports](#), 6, 19611.

75 Chavez-Romero, Y., Navarro-Noya, Y. E., Reynoso-Martinez, S. C., Sarria-Guzman, Y., Govaerts, B., Verhulst, N., Dendooven, L. & Luna-Guido, M. (2016). 16S metagenomics reveals changes in the soil bacterial community driven by soil organic C, N-fertilizer and tillage-crop residue management. [Soil and Tillage Research](#), 159, 1-8.

76 Velazquez-Jimenez, R., Torres-Valencia, J. M., Valdez-Calderon, A., Alvarado-Rodriguez, J. G., Hernandez-Hernandez, J. D., Roman-Marin, L. U., Cerda-Garcia-Rojas, C. M. & Joseph-Nathan, P. (2016). Absolute Configuration of Stegane Lignans by Vibrational Circular Dichroism. [Tetrahedron-Asymmetry](#), 27(4-5), 193-200.

77 Carreon-Moncada, I., Gonzalez, L. A., Rodriguez-Galicia, J. L. & Rendon-Angeles, J. C. (2016). Chemical Deposition of Cds Films by an Ammonia-Free Process With Amino Acids as Complexing Agents. [Thin Solid Films](#), 599, 166-173.

**[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXTENO EN OTRAS REVISTAS ESPECIALIZADAS  
(INCLUÍDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)**

78 Trujillo, J., Molina-Jijon, E., Medina-Campos, O. N. et al. (2016). Curcumin Prevents Cisplatin-Induced Decrease in the Tight and Adherens Junctions: Relation to Oxidative Stress. [Food & Function](#), 7(1), 279-293.

79 Bustos-Guajardo, R. & Moukarzel, C. F. Nonequilibrium Trade-Investment Model for the Ranked Distribution of Gross Domestic Products Per-Capita. [Springer Proceedings in Physics](#), 173, 347-357

**[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES**

80 Gasbarri, A., Bert, B. & Meneses, A. (2016). Editorial: 5-HT<sub>2a/2b/2c</sub> Receptors, Memory, and Neuropsychiatric Disorders. [Frontiers in Pharmacology](#), 7, 9.

81 Meneses, A. & Gasbarri, B. (2016). Editorial: Serotonin and Memory. [Frontiers in Pharmacology](#), 7, 8.

82 Meza-Rocha, A. N. & Falcony, C. (2016). Comment on Li<sup>+</sup> Co-Doping Effect on the Photoluminescence Time Decay Behavior of Y<sub>2</sub>O<sub>3</sub>:Er<sup>3+</sup> Films (J. Lumin. 154 (2014) 106). [Journal of Luminescence](#), 171, 40-41.

**[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS**

83 Espinoza-Rodriguez, J. H. & Mercado-Uribe, H. (2016). Changes in BetaL-Crystallin and Ovalbumin due to Exposure to Green and Red Light. [Biophysical Journal](#), 110(3, Supplement 1), 533a.

84 Dominguez-Calva, J. A., Serebryany, E., Haase-Pettingell, C., King, J. A. & Quintanar, L. (2016). Elucidating the Coordination Features Associated to Copper and Zinc Induced Aggregation of Human gamma-D Crystallin. [Biophysical Journal](#), 110(3, Supplement 1), 388a.

85 Li, L., Ruiz-Hurtado, G., Fernandez-Velasco, M. et al. (2016). Enhanced RyR2 Channel Activity but Reduced Ca<sup>2+</sup> Spark Occurrence In Failing Mice Cardiomyocytes. [Biophysical Journal](#), 110(3, Supplement 1), 267a-268a.

86 Favela-Rosales, F., Millan-Pacheco, C., Hernandez-Cobos, J., Carvajal-Tinoco, M. D. & Ortega-Blake, I. (2016). Is there a lo+ld Coexistence Phase in the POPC-chol Mixture? An Insight through Molecular Dynamics Simulations. [Biophysical Journal](#), 110(3, Supplement 1), 322a.

87 Tammineni, E. R., Carrillo, E. D., Soto, R., Angel-Ambrocio, A., Del Angel, R. M., Garcia, M. C. & Sanchez, J. A. (2016). The Beta4 Subunit of L-Type Ca<sup>2+</sup> Channels Regulates Transcription of Antiviral Factors in a Heart Cell Line. [Biophysical Journal](#), 110(3, Supplement 1), 442a.

88 Morales-Medina, J. C., Juarez, I., Dominguez-Lopez, S., Kandimalla, R., Gobbi, G., Flores, G. & Quirion, R. (2016). The Y<sub>2</sub> receptor antagonist BIIE0246 reverses corticosterone-induced anxiogenic-related behavior and neuronal hypertrophy: Advances in NPY Research. [Neuropeptides](#), 55, 21.

**[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS**

89 Paul, S., Yu, W. & Li, X. O. (2016). Recent Advances in Bidirectional Modeling and Structural Control. [Shock and Vibration](#), 2016, 6275307.

## ARTÍCULOS DEL MES DE MARZO DE 2016

### **[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXLENTO EN REVISTAS INCLUIDAS EN JCR**

- 1 Cruz-Martinez, H., Vasquez-Perez, J. M., Feria, O. S. & Calaminici, P. (2016). On the Ground State Structures and Energy Properties of Conpdn (N=1-10) Clusters. [Advances in Quantum Chemistry](#), 72, 177-199.
- 2 Hu, J. & Jimenez-Lopez, F. G. (2016). Comparison Between Teichmuller Metric and Length Spectrum Metric Under Partial Twists. [Annales Academiae Scientiarum Fennicae-Mathematica](#), 41(1), 221-234.
- 3 Kalyanasundar, B., Solorio, J., Perez, C. I., Hoyo-Vadillo, C., Simon, S. A. & Gutierrez, R. (2016). The efficacy of the appetite suppressant, diethylpropion, is dependent on both when it is given (day vs. night) and under conditions of high fat dietary restriction. [Appetite](#), 100, 152-161.
- 4 Prado, A., Bede, J. C., Cervantes-Diaz, F., Perez-Zavala, F. G., Cibrian-Jaramillo, A. & Gonzalez-Astorga, J. (2016). Transcriptome-derived microsatellite markers for Dioon (Zamiaceae) cycad species. [Applications in Plant Sciences](#), 4(2), 1500087.
- 5 Jose-Garcia, A. & Gomez-Flores, W. (2016). Automatic Clustering Using Nature-Inspired Metaheuristics: a Survey. [Applied Soft Computing](#), 41, 192-213.
- 6 Guzman-Vargas, A., Lima, E., Uriostegui-Ortega, G. A., Oliver-Tolentino, M. A. & Rodriguez, E. E. (2016). Adsorption and Subsequent Partial Photodegradation of Methyl Violet 2b on Cu/Al Layered Double Hydroxides. [Applied Surface Science](#), 363, 372-380.
- 7 Reyes-Hernandez, O. D., Palacios-Reyes, C., Chavez-Ocana, S., Cortes-Malagon, E. M., Sierra-Martinez, M., Alonso-Themann, P. G., Ramos-Cano, V. & Ramirez-Bello, J. (2016). Skeletal manifestations of Marfan syndrome associated to heterozygous R2726W FBN1 variant: sibling case report and literature review. [BMC Musculoskeletal Disorders](#), 17(1), 79.
- 8 Sadykov, R. (2016). The Weak B-Principle: Mumford Conjecture. [Canadian Journal of Mathematics-Journal Canadien De Mathematiques](#), 68(2), 463-480.
- 9 Gonzalez-Rivera, Y. A., Meza-Rocha, A. N., Aquino-Meneses, L. et al. (2016). Photoluminescent and electrical properties of novel Nd<sup>3+</sup> doped ZnV<sub>2</sub>O<sub>6</sub> and Zn<sub>2</sub>V<sub>2</sub>O<sub>7</sub>. [Ceramics International](#), 42(7), 8425-8430.
- 10 Jalife, S., Mondal, S., Cabellos, J. L., Martinez-Guajardo, G., Fernandez-Herrera, M. A. & Merino, G. (2016). The Cubyl Cation Rearrangements. [Chemical Communications](#), 52(16), 3403-3405.
- 11 Sanchez, A., Magana, G., Partida, M. I. & Sanchez, S. (2016). Bi-dimensional sustainability analysis of a multi-feed biorefinery design for biofuels co-production from lignocellulosic residues and agro-industrial wastes. [Chemical Engineering Research and Design](#), 107, 195-217.

- 12 Castillo Sanchez, R., Gomez, R. & Perez Salazar, E. (2016). Bisphenol A Induces Migration through a GPER-, FAK-, Src-, and ERK2-Dependent Pathway in MDA-MB-231 Breast Cancer Cells. [Chemical Research in Toxicology](#), 29(3), 285-295.
- 13 Vargas-Caamal, A., Cabellos, J. L., Ortiz-Chi, F., Rzepa, H. S., Restrepo, A. & Merino, G. (2016). How Many Water Molecules Does It Take to Dissociate HCl? [Chemistry-a European Journal](#), 22(8), 2812-2818.
- 14 Schutze, O., Martin, A., Lara, A., Alvarado, S., Salinas, E. & Coello, C. A. C. (2016). The Directed Search Method for Multi-Objective Memetic Algorithms. [Computational Optimization and Applications](#), 63(2), 305-332.
- 15 Burciaga-Diaz, O., Gomez-Zamorano, L. Y. & Escalante-Garcia, J. I. (2016). Influence of the long term curing temperature on the hydration of alkaline binders of blast furnace slag-metakaolin. [Construction and Building Materials](#), 113, 917-926.
- 16 Monsreal-Vela, K., Velazquez-Abunader, I. & Poot-Lopez, G. R. (2016). Model Selection for Determining the Growth of Juveniles and Sub-Adults of Two Species of Shrimp (Decapoda, Penaeidae) in a Tropical Coastal Lagoon. [Crustaceana](#), 89(1), 29-45.
- 17 Czajkowska-Szczykowska, D., Aguilar-Granda, A., Maj, J., Wilczewska, A. Z., Witkowski, S., Santillan, R., Garcia-Garibay, M. A., Morzycki, J. W. & Rodriguez-Molina, B. (2016). Solid State Characterization of Bridged Steroidal Molecular Rotors: Effect of the Rotator Fluorination on Their Crystallization. [Crystal Growth & Design](#), 16(3), 1599-1605.
- 18 Espinosa-Juarez, J. V., Jaramillo-Morales, O. A., Corona-Ramos, J. N., Medina-Lopez, J. R. & Lopez-Munoz, F. J. (2016). Antinociceptive interactions between meloxicam and gabapentin in neuropathic pain depend on the ratio used in combination in rats. [Drug Development Research](#), 77, 134-142.
- 19 Zuniga-Silva, J. R., Chan-Cupul, W., Kuschk, P., Loera, O., Aguilar-Lopez, R. & Rodriguez-Vazquez, R. (2016). Effect of Cd+2 on Phosphate Solubilizing Abilities and Hydrogen Peroxide Production of Soil-Borne Micromycetes Isolated From Phragmites Australis-Rhizosphere. [Ecotoxicology](#), 25(2), 367-379.
- 20 Polindara-Garcia, L. A. & Juaristi, E. (2016). Synthesis of Ugi 4-Cr and Passerini 3-Cr Adducts Under Mechanochemical Activation. [European Journal of Organic Chemistry](#), (6), 1095-1102.
- 21 Gonzalez-Ramirez, A. E., Gonzalez-Trujano, M. E., Orozco-Suarez, S. A., Alvarado-Vasquez, N. & Lopez-Munoz, F. J. (2016). Nerol Alleviates Pathologic Markers in the Oxazolone-Induced Colitis Model. [European Journal of Pharmacology](#), 776, 81-89.
- 22 Paradise, R. & Robles, A. (2016). Two Mazahua (Mexican) Communities: Introducing a Collective Orientation Into Everyday School Life. [European Journal of Psychology of Education](#), 31(1), 61-77.
- 23 Andreev, V., Baghdasaryan, A., Begzsuren, K. et al. (2016). Exclusive Rho(0) Meson Photoproduction With a Leading Neutron at Hera. [European Physical Journal C](#), 76(1), 41.

- 24 Ortega-Morales, B. O., Narvaez-Zapata, J., Reyes-Estebanez, M., Quintana, P., De La Rosa-Garcia, S. D. C., Bullen, H., Gomez-Cornelio, S. & Chan-Bacab, M. J. (2016). Bioweathering Potential of Cultivable Fungi Associated With Semi-Arid Surface Microhabitats of Mayan Buildings. [Frontiers in Microbiology](#), 7, 201.
- 25 Perez-Garcia, L. A., Csonka, K., Flores-Carreon, A. et al. (2016). Role of Protein Glycosylation in Candida Parapsilosis Cell Wall Integrity and Host Interaction. [Frontiers in Microbiology](#), 7, 306.
- 26 Costa, A., Salazar-Varas, R., Ubeda, A. & Azorin, J. M. (2016). Characterization of Artifacts Produced by Gel Displacement on Non-Invasive Brain-Machine Interfaces During Ambulation. [Frontiers in Neuroscience](#), 10.
- 27 Garcia-Esquivel, M., Esquivel-Naranjo, E. U., Hernandez-Onate, M. A., Ibarra-Laclette, E. & Herrera-Estrella, A. (2016). The Trichoderma atroviride cryptochrome/photolyase genes regulate the expression of blr1-independent genes both in red and blue light. [Fungal Biology](#), 120(4), 500-512.
- 28 Vlasova, A., Capella-Gutierrez, S., Rendon-Anaya, M. et al. (2016). Genome and Transcriptome Analysis of the Mesoamerican Common Bean and the Role of Gene Duplications in Establishing Tissue and Temporal Specialization of Genes. [Genome Biology](#), 17, 32.
- 29 Aichholzer, O., Araujo-Pardo, G., Garcia-Colin, N., Hackl, T., Lara, D., Rubio-Montiel, C. & Urrutia, J. (2016). Geometric Achromatic and Pseudoachromatic Indices. [Graphs and Combinatorics](#), 32(2), 431-451.
- 30 Perez-Vargas, J. E., Muriel, P., Zarco, N., Vergara, P., Segovia, J., Shibayama, M. & Tsutsumi, V. (2016). L-Theanine prevents carbon tetrachloride-induced liver fibrosis via inhibition of nuclear factor kB and down-regulation of transforming growth factor Beta and connective tissue growth factor. [Human & Experimental Toxicology](#), 35(2), 135-146.
- 31 Alvarado-Macias, G., Fuentes-Aceituno, J. C., Nava-Alonso, F. & Lee, J. C. (2016). Silver Leaching With the Nitrite-Copper Novel System: a Kinetic Study. [Hydrometallurgy](#), 160, 98-105.
- 32 Bustos-Arriaga, J., Lopez-Gonzalez, M., Garcia-Cordero, J. et al. (2016). Soluble mediators produced by the crosstalk between microvascular endothelial cells and dengue-infected primary dermal fibroblasts inhibit dengue virus replication and increase leukocyte transmigration. [Immunologic Research](#), 64(2), 392-403.
- 33 Arcos-Lopez, T., Rivillas-Acevedo, L., Grande-Aztatzi, R. et al. (2016). Spectroscopic and Theoretical Study of Cu(I) Binding to His111 in the Human Prion Protein Fragment 106-115. [Inorganic Chemistry](#), 55(6), 2909-22.
- 34 Dias, F. A., Gandara, A. C. P., Perdomo, H. D. et al. (2016). Identification of a Selenium-Dependent Glutathione Peroxidase in the Blood-Sucking Insect Rhodnius Prolixus. [Insect Biochemistry and Molecular Biology](#), 69, 105-114.

35 Aviles-Vinas, J. F., Rios-Cabrera, R. & Lopez-Juarez, I. (2016). On-Line Learning of Welding Bead Geometry in Industrial Robots. [International Journal of Advanced Manufacturing Technology](#), 83(1-4), 217-231.

36 Torres, J. D. S., Botero, H. A., Jimenez, E., Jaramillo, O. & Loukianov, A. G. (2016). A Robust Extended State Observer for the Estimation of Concentration and Kinetics in a Cstr. [International Journal of Chemical Reactor Engineering](#), 14(1), 481-490.

37 Lopez-Perez, P. A., Neria-Gonzalez, M. I. & Aguilar-Lopez, R. (2016). Improvement of Activated Sludge Process Using a Nonlinear Pi Controller Design Via Adaptive Gain. [International Journal of Chemical Reactor Engineering](#), 14(1), 407-416.

38 Alatorre, A. G., Castillo, P. & Mondie, S. (2016). Saturations-Based Nonlinear Controllers With Integral Term: Validation in Real-Time. [International Journal of Control](#), 89(5), 879-891.

39 Mena, E., Veleva, L. & Souto, R. M. (2016). Mapping of local corrosion behavior of zinc in substitute ocean water at its initial stages by SVET. [International Journal of Electrochemical Society](#), 11, 5256-5266.

40 Aguilar-Lopez, R., Lopez-Perez, P. A., Lara-Cisneros, G. & Femat, R. (2016). Controlling a Class of Chaotic Quantum System Under Disturbances and Noisy Measurements: Application to 1d Bose-Einstein Condensate. [International Journal of Modern Physics C](#), 27(4), 1650040.

41 Rosas-Arellano, A., Vasquez-Procopio, J., Missirlis, F., Gambis, A., Steller, H., Blowes, L. M. & Mollereau, B. (2016). Ferritin Assembly in Enterocytes of *Drosophila melanogaster*. [International Journal of Molecular Sciences](#), 17(2), 27.

42 Oliva, A. I. & Lugo, J. M. (2016). Measurement of the Temperature Coefficient of Resistance in Metallic Films With Nano-Thickness. [International Journal of Thermophysics](#), 37(3), 35.

43 Mendez, N., Barrera-Perez, M., Palma-Solis, M., Zavala-Castro, J., Dickinson, F., Azcorra, H. & Prelip, M. (2016). Ethnicity and Income Impact on Bmi and Stature of School Children Living in Urban Southern Mexico. [Journal of Biosocial Science](#), 48(2), 143-157.

44 Figueroa-Cardenas, J. D., Escalante-Aburto, A., Veles-Medina, J. J., Hernandez-Estrada, Z. J., Rayas-Duarte, P., Simsek, S. & Ponce-Garcia, N. (2016). Viscoelastic properties of tablets from Osborne solubility fraction, pentosans, flour and bread using relaxation tests. [Journal of Cereal Science](#), 69, 207-212.

45 Gonzalez-Mozuelos, P. (2016). Effective electrostatic interactions among charged thermo-responsive microgels immersed in a simple electrolyte. [Journal of Chemical Physics](#), 144(5), 054902.

46 Escalante-Aburto, A., Ponce-Garcia, N., Ramirez-Wong, B., Torres-Chavez, P. I., Figueroa-Cardenas, J. D. & Gutierrez-Dorado, R. (2016). Specific Anthocyanin Contents of Whole Blue Maize Second-Generation Snacks: an Evaluation Using Response Surface Methodology and Lime Cooking Extrusion. [Journal of Chemistry](#), 2016, 5491693.

47 Chan-Cupul, W., Heredia-Abarca, G. & Rodriguez-Vazquez, R. (2016). Atrazine Degradation by Fungal Co-Culture Enzyme Extracts Under Different Soil Conditions. [Journal of Environmental Science and Health Part B-Pesticides Food Contaminants and Agricultural Wastes](#), 51(5), 298-308.

48 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Observation of Top Quark Pairs Produced in Association With a Vector Boson in Pp Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (1), 096.

49 Aab, A., Abreu, P., Aglietta, M. et al. (2016). Nanosecond-Level Time Synchronization of Autonomous Radio Detector Stations for Extensive Air Showers. [Journal of Instrumentation](#), 11, P01018.

50 Aab, A., Abreu, P., Aglietta, M. et al. (2016). Prototype Muon Detectors for the Amiga Component of the Pierre Auger Observatory. [Journal of Instrumentation](#), 11, P02012.

51 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Reconstruction and Identification of Tau Lepton Decays to Hadrons and Nu(Tau) at Cms. [Journal of Instrumentation](#), 11, P01019.

52 Lopez-Granados, N. M. & Salinas-Rodriguez, A. (2016). EBSD Investigation on Effect of Cooling Rate on Microstructure and Transformation Textures of High Strength Hot-rolled Steel Plates. [Journal of Iron and Steel Research, International](#), 23(3), 261-269.

53 Montes, E., Martinez-Merlin, I., Guzman-Olguin, J. C., Guzman-Mendoza, J., Martin, I. R., Garcia-Hipolito, M. & Falcony, C. (2016). Effect of pH on the optical and structural properties of HfO<sub>2</sub>:Ln<sup>3+</sup>, synthesized by hydrothermal route. [Journal of Luminescence](#), 175, 243-248.

54 Aragon, J., Martinez-Herrera, A., Romo-Yanez, J. et al. (2016). Identification of Dp71 Isoforms Expressed in PC12 Cells: Subcellular Localization and Colocalization with Beta-Dystroglycan and alpha1-Syntrophin. [Journal of Molecular Neuroscience](#), 58(2), 201-9.

55 Hdz-Garcia, H. M., Munoz-Arroyo, R., Martinez, A. I., Gonzalez, M. A., Granda-Gutierrez, E. E., Acevedo-Davila, J. L., Castro-Roman, M. & Garcia-Vazquez, F. (2016). Aging Thermal Treatment in the Inconel 725 Brazed Incorporating Tungsten Nanoparticles. [Journal of Nanomaterials](#), 2016, 6535491.

56 Escamilla-Rivera, V., Uribe-Ramirez, M., Gonzalez-Pozos, S., Velumani, S., Arreola-Mendoza, L. & De Vizcaya-Ruiz, A. (2016). Cytotoxicity of semiconductor nanoparticles in A549 cells is attributable to their intrinsic oxidant activity. [Journal of Nanoparticle Research](#), 18(4), 85.

57 Ramos-Castillo, C. M., Reveles, J. U., Cifuentes-Quintal, M. E., Zope, R. R. & de Coss, R. (2016). Ti4- and Ni4-Doped Defective Graphene Nanoplatelets as Efficient Materials for Hydrogen Storage. [Journal of Physical Chemistry C](#), 120(9), 5001-5009.

58 Bernal-Correa, R., Morales-Acevedo, A., Montes-Monsalve, J. & Pulzara-Mora, A. (2016). Design of the Tco (Zno:Al) Thickness for Glass/Tco/Cds/Cigs/Mo Solar Cells. [Journal of Physics D-Applied Physics](#), 49(12), 125601.

59 Ledo, J. M., Camarillo, E. A., Flores, H., Ramos, F. & Rojas, A. (2016). Energies of Combustion and Enthalpies of Formation of 5-Methyl-5-Phenylhydantoin and 5,5-Diphenylhydantoin. [Journal of Thermal Analysis and Calorimetry](#), 123(3), 2391-2396.

60 Bautista, E., Vergara, P. & Segovia, J. (2016). Iron-Induced Oxidative Stress Activates Akt and Erk1/2 and Decreases Dyrk1b and Prmt1 in Neuroblastoma Sh-Sy5y Cells. [Journal of Trace Elements in Medicine and Biology](#), 34, 62-69.

61 Ceniceros-Ojeda, E. A., Rivera-Bustamante, R. F. & Rodriguez-Negrete, E. A. (2016). Two Populations of Viral Minichromosomes Are Present in a Geminivirus-Infected Plant Showing Symptom Remission (Recovery). [Journal of Virology](#), 90(8), 3828-38.

62 Levresse, G., Cervantes-De La Cruz, K. E., Aranda-Gomez, J. J., Davalos-Elizondo, M. G., Jimenez-Sandoval, S., Rodriguez-Melgarejo, F. & Alba-Aldave, L. A. (2016). Co<sub>2</sub> Fluid Inclusion Barometry in Mantle Xenoliths From Central Mexico: a Detailed Record of Magma Ascent. [Journal of Volcanology and Geothermal Research](#), 310, 72-88.

63 Jayaraman, V. K., Kuwabara, Y. M., Alvarez, A. M. & Amador, M. D. O. (2016). Importance of Substrate Rotation Speed on the Growth of Homogeneous ZnO Thin Films by Reactive Sputtering. [Materials Letters](#), 169, 1-4.

64 Huerta L., M. E., Mejia G., M. E. & Castillejos E., A. H. (2016). Heat Transfer and Observation of Droplet-Surface Interactions During Air-Mist Cooling at CSP Secondary System Temperatures. [Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science](#), 47(2), 1409-1426.

65 Gonzalez-Olvera, R., Roman-Rodriguez, V., Negron-Silva, G. E., Espinoza-Vazquez, A., Rodriguez-Gomez, F. J. & Santillan, R. (2016). Multicomponent Synthesis and Evaluation of New 1,2,3-Triazole Derivatives of Dihydropyrimidinones as Acidic Corrosion Inhibitors for Steel. [Molecules](#), 21(2), 250.

66 Lopez-Franco, M., Sanchez, E. N., Alanis, A. Y. & Lopez-Franco, C. (2016). Neural Control for Driving a Mobile Robot Integrating Stereo Vision Feedback. [Neural Processing Letters](#), 43(2), 425-444.

67 Ortiz-Lopez, L., Marquez-Valadez, B., Gomez-Sanchez, A. et al. (2016). Green tea compound epigallo-catechin-3-gallate (EGCG) increases neuronal survival in adult hippocampal neurogenesis in vivo and in vitro. [Neuroscience](#), 322, 208-220.

68 Lopez-Garcia, K., Cuevas, E., Sanchez-Garcia, O., Pacheco, P., Martinez-Gomez, M. & Castelan, F. (2016). Differential Damage and Repair Responses of Pubococcygeus and Bulbospongiosus Muscles in Multiparous Rabbits. [Neurourology and Urodynamics](#), 35(2), 180-185.

69 Coleman-Derr, D., Desgarennes, D., Fonseca-Garcia, C., Clingenpeel, S., Woyke, T., North, G., Visel, A., Partida-Martinez, L. P. & Tringe, S. G. (2016). Plant compartment and biogeography affect microbiome composition in cultivated and native Agave species. [New Phytologist](#), 209, 798-811.

70 Paredes-Trujillo, A., Velazquez-Abunader, I., Torres-Irineo, E., Vidal-Martinez, V. M. & Romero, D. (2016). Geographical distribution of protozoan and metazoan parasites of farmed Nile tilapia *Oreochromis niloticus* (L.) (Perciformes: Cichlidae) in Yucatan, Mexico. [Parasites & Vectors](#), 9(1), 66.

71 Omana-Molina, M., Vanzzini-Zago, V., Hernandez-Martinez, D., Gonzalez-Robles, A., Salazar-Villatoro, L., Ramirez-Flores, E., Oregon-Miranda, E., Lorenzo-Morales, J. & Martinez-Palomo, A. (2016). Acanthamoeba Genotypes T3 and T4 as Causative Agents of Amoebic Keratitis in Mexico. [Parasitology Research](#), 115(2), 873-878.

72 Aparicio-Ixta, L., Alba-Rosales, J. E., Ramos-Ortiz, G. et al. (2016). Two-Photon Imaging of a Cellular Line Using Organic Fluorescent Nanoparticles Synthesized by Laser Ablation. [Particle & Particle Systems Characterization](#), 33(2), 101-109.

73 Jimenez-Montano, M. A., Coronel-Brizio, H. F., Hernandez-Montoya, A. R. & Ramos-Fernandez, A. (2016). Codon information value and codon transition-probability distributions in short-term evolution. [Physica A: Statistical Mechanics and Its Applications](#), 454, 117-128.

74 Villanueva-Cab, J., Anta, J. A. & Oskam, G. (2016). The Effect of Recombination Under Short-Circuit Conditions on the Determination of Charge Transport Properties in Nanostructured Photoelectrodes. [Physical Chemistry Chemical Physics](#), 18(4), 2303-2308.

75 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Production of Light Nuclei and Anti-Nuclei in Pp and Pb-Pb Collisions at Energies Available at the Cern Large Hadron Collider. [Physical Review C](#), 93(2), 024917.

76 Flores, L. J. & Miranda, O. G. (2016). Constant Matter Neutrino Oscillations in a Parametrization-Free Formulation. [Physical Review D](#), 93(3), 033009.

77 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the Charge Asymmetry in Top Quark Pair Production in Pp Collisions at Root S=8 Tev Using a Template Method. [Physical Review D](#), 93(3), 034014.

78 Ayon-Beato, E. & Velazquez-Rodriguez, G. (2016). Residual Symmetries of the Gravitational Field. [Physical Review D](#), 93(4), 044040.

79 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Pair Production of First and Second Generation Leptoquarks in Proton-Proton Collisions at Root S=8 Tev. [Physical Review D](#), 93(3), 032004.

80 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Single Production of Scalar Leptoquarks in Proton-Proton Collisions at Root S=8 Tev. [Physical Review D](#), 93(3), 032005.

81 Castilla-Valdez, H., Moyotl, A., Perez, M. A. & Honorato, C. G. (2016). Sensitivity of the Decay H -> Zz\* -> Zl Plus L- to the Higgs Self-Coupling Through Radiative Corrections. [Physical Review D](#), 93(5), 055001.

- 82 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2016). Evidence for Simultaneous Production of J/Psi and Upsilon Mesons. [Physical Review Letters](#), 116(8), 082002.
- 83 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Narrow Resonances Decaying to Dijets in Proton-Proton Collisions at Root S=13 Tev. [Physical Review Letters](#), 116(7), 071801.
- 84 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). (3)(Lambda)Hand (3)((Lambda)Over-Bar)(H)Over-Bar Production in Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Physics Letters B](#), 754, 360-372.
- 85 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Centrality Evolution of the Charged-Particle Pseudorapidity Density Over a Broad Pseudorapidity Range in Pb-Pb Collisions at Root S(Nn)=2.76tev. [Physics Letters B](#), 754, 373-385.
- 86 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Direct Photon Production in Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Physics Letters B](#), 754, 235-248.
- 87 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Measurement of Electrons From Heavy-Flavour Hadron Decays in P-Pb Collisions at Root S(Nn)=5.02 Tev. [Physics Letters B](#), 754, 81-93.
- 88 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Transverse Momentum Spectra of Inclusive B Jets in Ppb Collisions Atv Root S(Nn)=5.02 Tev. [Physics Letters B](#), 754, 59-80.
- 89 Ordonez-Gomez, J. D., Cristobal-Azkarate, J., Arroyo-Rodriguez, V., Santillan-Doherty, A. M., Valdez, R. A. & Romano, M. C. (2016). Proximal and Distal Predictors of the Spider Monkey's Stress Levels in Fragmented Landscapes. [Plos One](#), 11(2), e0149671.
- 90 Alcaraz, L. D., Martinez-Sanchez, S., Torres, I., Ibarra-Laclette, E., Ibarra-Laclette, E. & Herrera-Estrella, L. (2016). The Metagenome of Utricularia gibba's Traps: Into the Microbial Input to a Carnivorous Plant. [Plos One](#), 11(2), e0148979.
- 91 Anastasiadi, M., Mwangi, P. M., Ordaz-Ortiz, J. J., Redfern, S. P., Berry, M., Simmonds, M. S. J. & Terry, L. A. (2016). Tissue biochemical diversity of 20 gooseberry cultivars and the effect of ethylene supplementation on postharvest life. [Postharvest Biology and Technology](#), 117, 141-151.
- 92 Nguyen, K. H., Van Ha, C., Nishiyama, R. et al. (2016). Arabidopsis Type B Cytokinin Response Regulators Arr1, Arr10, and Arr12 Negatively Regulate Plant Responses to Drought. [Proceedings of the National Academy of Sciences of the United States of America](#), 113(11), 3090-3095.
- 93 Kumar-Krishnan, S., Chakaravarthy, S., Hernandez-Rangel, A., Prokhorov, E., Luna-Barcenas, G., Esparza, R. & Meyyappan, M. (2016). Chitosan Supported Silver Nanowires as a Platform for Direct Electrochemistry and Highly Sensitive Electrochemical Glucose Biosensing. [Rsc Advances](#), 6(24), 20102-20108.
- 94 Fernandez-Valverde, S. L. & Degnan, B. M. (2016). Bilaterian-Like Promoters in the Highly Compact Amphimedon queenslandica Genome. [Scientific Reports](#), 6, 22496.

95 Oza, G., Ravichandran, M., Merupo, V. I., Shinde, S., Mewada, A., Ramirez, J. T., Velumani, S., Sharon, M. & Sharon, M. (2016). Camphor-Mediated Synthesis of Carbon Nanoparticles, Graphitic Shell Encapsulated Carbon Nanocubes and Carbon Dots for Bioimaging. [Scientific Reports](#), 6, 21286.

96 Guillen-Bonilla, H., Flores-Martinez, M., Rodriguez-Betancourt, V. M., Guillen-Bonilla, A., Reyes-Gomez, J., Gildo-Ortiz, L., Amador, M. D. O. & Santoyo-Salazar, J. (2016). A Novel Gas Sensor Based on Mg<sub>2</sub>SiO<sub>6</sub> Nanorods to Indicate Variations in Carbon Monoxide and Propane Concentrations. [Sensors](#), 16(2), 177.

97 Suaste-Gomez, E., Rodriguez-Roldan, G., Reyes-Cruz, H. & Teran-Jimenez, O. (2016). Developing an Ear Prosthesis Fabricated in Polyvinylidene Fluoride by a 3D Printer with Sensory Intrinsic Properties of Pressure and Temperature. [Sensors](#), 16(3), 332.

98 Hernandez-Rodriguez, E., Rejon, V., Mis-Fernandez, R. & Pena, J. L. (2016). Application of sputtered TiO<sub>2</sub> thin films as HRT buffer layer for high efficiency CdS/CdTe solar cells. [Solar Energy](#), 132, 64-72.

99 Pacheco, C. G. (2016). A random matrix from a stochastic heat equation. [Statistics & Probability Letters](#), 113, 71-78.

100 Choudhury, A., Aguirre-Macedo, M. L., Curran, S. S., De Nunez, M. O., Overstreet, R. M., De Leon, G. P. P. & Santos, C. P. (2016). Trematode Diversity in Freshwater Fishes of the Globe II: 'new World'. [Systematic Parasitology](#), 93(3), 271-282.

101 Gomez-Acata, R. V., Neria-Gonzalez, M. I. & Aguilar-Lopez, R. (2016). Robust software sensor design for the state estimation in a sulfate-reducing bioreactor. [Theoretical Foundations of Chemical Engineering](#), 50(1), 67-75.

102 Rubio-Cisneros, N. T., Aburto-Oropeza, O. & Ezcurra, E. (2016). Small-scale fisheries of lagoon estuarine complexes in northwest Mexico. [Tropical Conservation Science](#), 9(1), 78-134.

103 Chavez-Calvillo, G., Contreras-Paredes, C. A., Mora-Macias, J., Noa-Carrazana, J. C., Serrano-Rubio, A. A., Dinkova, T. D., Carrillo-Tripp, M. & Silva-Rosales, L. (2016). Antagonism or Synergism Between Papaya Ringspot Virus and Papaya Mosaic Virus in Carica Papaya Is Determined by Their Order of Infection. [Virology](#), 489, 179-191.

#### **[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXLENDO EN OTRAS REVISTAS ESPECIALIZADAS (INCLUÍDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)**

104 Porter, R. M. (2016). On Sturm-Liouville Equations With Several Spectral Parameters. [Boletin De La Sociedad Matematica Mexicana](#), 22(1), 141-163.

105 Valencia, C. E. & Vargas, M. C. (2016). Optimum Matchings in Weighted Bipartite Graphs. [Boletin De La Sociedad Matematica Mexicana](#), 22(1), 1-12.

106 Merupo, V. I., Velumani, S., Oza, G., Tabellout, M., Bizarro, M., Coste, S. & Kassiba, A. H. (2016). High energy ball-milling synthesis of nanostructured Ag-doped and BiVO<sub>4</sub>-based photocatalysts. *Chemistry Select*, 6, 1278-1286.

107 Cibrian-Jaramillo, A. & Barona-Gomez, F. (2016). Increasing Metagenomic Resolution of Microbiome Interactions Through Functional Phylogenomics and Bacterial Sub-Communities. *Frontiers in Genetics*, 7, 4.

108 Rodriguez-Santana, B. G., Viveros, A. M., Carvajal-Gamez, B. E. & Trejo-Osorio, D. C. (2016). Mobile Computation Offloading Architecture for Mobile Augmented Reality, Case Study: Visualization of Cetacean Skeleton. *International Journal of Advanced Computer Science and Applications*, 7(1), 665-671.

109 Xenia, M. E. & Refugio, R. V. (2016). Microorganisms metabolism during bioremediation of oil contaminated soils. *Journal of Bioremediation & Biodegradation*, 7, 2.

110 Rozenblum, G. & Vasilevski, N. (2016). Toeplitz operators defined by sesquilinear forms: Bergman space case. *Journal of Mathematical Sciences*, 213(4), 582-609.

111 Montano-Zetina, L. M. & Villalobos-Mora, O. (2016). A Basic Positron Emission Tomography System Constructed to Locate a Radioactive Source in a Bi-dimensional Space. *Journal of Visualized Experiments : JoVE*, (108), e52272.

112 Avila-Rodriguez, D., Paisano-Ceron, K., Valdovinos-Ramirez, I., Solano-Agama, C., Mendoza-Garrido, M. E. & Ortiz-Plata, A. (2016). Three-dimensional Alginate-bead Culture of Human Pituitary Adenoma Cells. *Journal of Visualized Experiments : JoVE*, (108), e53637.

113 Rios-Velasco, C., Caro-Cisneros, J. M., Berlanga-Reyes, D. I., Ruiz-Cisneros, M. F., Ornelas-Paz, J. J., Salas-Marina, M. A., Villalobos-Perez, E. & Guerrero-Prieto, V. M. (2016). Identification and antagonistic activity in vitro of *Bacillus* spp. and *Trichoderma* spp. isolates against common phytopathogenic fungi. *Revista Mexicana De Fitopatologia*, 34(1), 84-99.

#### **[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES**

114 Winkler, R. (2016). Popper and the Omics. *Frontiers in Plant Science*, 7, 195.

115 Herrera-Gomez, A., Aguirre-Tostado, F. S. & Pianetta, P. (2016). Formation of Si<sup>1+</sup> in the early stages of the oxidation of the Si[001] 2 -> 1 surface. *Journal of Vacuum Science & Technology, A: Vacuum, Surfaces, and Films*, 34(2), 020601.

116 Schnoor, M., Alcaide, P., Voisin, M. B. & Van Buul, J. D. (2016). Recruitment of Immune Cells Into Inflamed Tissues: Consequences for Endothelial Barrier Integrity and Tissue Functionality. *Mediators of Inflammation*, 2016, 1561368.

117 Mendoza-Cruz, R., Bazan-Diaz, L., Reyes-Gasga, J. et al. (2016). Helical Growth of Ultrathin Gold-Copper Nanowires. *Nano Letters*, 16(3), 1568-73.

118 Jalife, S., Mondal, S., Osorio, E., Cabellos, J. L., Martinez-Guajardo, G., Fernandez-Herrera, M. A. & Merino, G. (2016). Nonclassical 21-Homododecahedryl Cation Rearrangement Revisited. [Organic Letters](#), 18(5), 1140-1142.

119 Kumar-Krishnan, S., Chakaravarthy, S., Hernandez-Rangel, A., Prokhorov, E., Luna-Barcenas, G., Esparza, R. & Meyyappan, M. (2016). Chitosan Supported Silver Nanowires as a Platform for Direct Electrochemistry and Highly Sensitive Electrochemical Glucose Biosensing (Vol 6, Pg 20102, 2016). [Rsc Advances](#), 6(27), 22950.

#### **[ARTÍCULOS GI] – RESÚMENES PUBLICADOS EN REVISTAS**

120 Quintanar, L., Dominguez-Calva, J. A., Serebryany, E., Haasse-Pettingell, C. & King, J. (2016). Metal-induced aggregation of human gamma-D crystallin: Insights into the bioinorganic chemistry of cataracts disease. Abstracts of Papers of the American Chemical Society, INOR-520.

121 Tiburcio, J. (2016). Steric and electrostatic effects on the dynamic processes of rotaxane-like complexes. Abstracts of Papers of the American Chemical Society, INOR-675.

122 Missirlis, F. & Rosas-Arellano, A. (2016). Ferritin Assembly in the Intestines of Drosophila Melanogaster. [American Journal of Hematology](#), 91(3), E207.

123 Llorens, J., Metzendorf, C., Missirlis, F. & Lind, M. (2016). Mitoferrin Deficiency Provokes an Ecdysone Synthesis Impairment and an Immune System Overreaction. [American Journal of Hematology](#), 91(3), E199.

124 Contreras, P. S., Blanco, A. E., Moreno-Estrada, A. et al. (2016). Genomic Identification of Recent Positive Selection in Populations From Andean Highlands and South-Central Chile. [American Journal of Physical Anthropology](#), 159, 121.

125 De La Fuente, C., Avila-Arcos, M., Carpenter, M. L. et al. (2016). Insight Into the Population History of the Chilean Patagonia Through the Analysis of Ancient and Modern Genomic Data. [American Journal of Physical Anthropology](#), 159, 127.

126 Avila-Arcos, M. C., Moreno-Estrada, A., Sandoval-Mendoza, K., Feldman, M. W. & Bustamante, C. D. (2016). The Third Root of Mexico: Genetic Structure of Mexicans of African Descent. [American Journal of Physical Anthropology](#), 159, 84.

127 Lopez-Cuellar, M. R., Vergara-Porras, B., Marsch, R. & Perez-Guevara, F. (2016). Recombinant PhaC2-synthase in Cupriavidus necator for PHA production. [New Biotechnology](#), 33(3), 432.

128 Almonte-Becerril, M., Costell-Rosello, M. & Kouri, J. (2016). Changes in the chondrocyte-extracellular matrix relationship during OA pathogenesis: Abstracts from the 2016 OARSI World Congress on OsteoarthritisPromoting Clinical and Basic Research in Osteoarthritis. [Osteoarthritis and Cartilage](#), 24, Supplement 1, S155.

129 Parra-Torres, N. M., Kouri, J. & Cazares, F. (2016). Identification of latexin by a proteomic study of osteoarthritic cartilage and its possible role at early stages of osteoarthritis. [Osteoarthritis and Cartilage](#), 24, Supplement 1, S156.

**[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS**

130 Arauz, J., Ramos-Tovar, E. & Muriel, P. (2016). Redox state and methods to evaluate oxidative stress in liver damage: From bench to bedside. [Annals of Hepatology](#), 15(2), 160-73.

131 Hoffman, K. L. (2016). New dimensions in the use of rodent behavioral tests for novel drug discovery and development. [Expert Opinion on Drug Discovery](#), 11(4), 343-53.

132 Huerta-Cantillo, J. & Navarro-Garcia, F. (2016). Properties and design of antimicrobial peptides as potential tools against pathogens and malignant cells. [Investigacion En Discapacidad](#), 5(2), 96-115.

133 Di Cerbo, A., Palmieri, B., Aponte, M., Morales-Medina, J. C. & Iannitti, T. (2016). Mechanisms and Therapeutic Effectiveness of Lactobacilli. [Journal of Clinical Pathology](#), 69(3), 187-203.

134 Schmoll, M., Dattenböck, Ch., Rodriguez-Iglesias, A. et al. (2016). The Genomes of Three Uneven Siblings: Footprints of the Lifestyles of Three Trichoderma Species. [Microbiology and Molecular Biology Reviews](#), 80(1), 205-327.

## ARTÍCULOS DEL MES DE ABRIL DE 2016

### **[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXLENDO EN REVISTAS INCLUIDAS EN JCR**

- 1 Nava, P. & Vidal, J. E. (2016). The Cpal System Regulates Changes of the Trans-Epithelial Resistance of Human Enterocytes During Clostridium Perfringens Type C Infection. [Anaerobe](#), 39, 143-149.
- 2 Eliason, J. K., Vega-Flick, A., Hiraiwa, M., Khanolkar, A., Gan, T., Boechler, N., Fang, N., Nelson, K. A. & Maznev, A. A. (2016). Resonant Attenuation of Surface Acoustic Waves by a Disordered Monolayer of Microspheres. [Applied Physics Letters](#), 108(6), 061907.
- 3 Gervacio-Arciniega, J. J., Flores-Ruiz, F. J., Diliegros-Godines, C. J., Broitman, E., Enriquez-Flores, C. I., Espinoza-Beltran, F. J., Siqueiros, J. & Cruz, M. P. (2016). Nanofrictional Behavior of Amorphous, Polycrystalline and Textured Y-Cr-O Films. [Applied Surface Science](#), 378, 157-162.
- 4 Mancilla-Percino, T., Trejo-Munoz, C. R., Diaz-Gandarilla, J. A., Talamas-Rohana, P., Ramirez, J. E. G., Cervantes, J. & Ortiz, A. F. (2016). Isoindoline Derivatives of Alpha-Amino Acids as Cyclooxygenase 1 and 2 Inhibitors. [Archiv Der Pharmazie](#), 349(3), 175-185.
- 5 Alarcon-Riquelme, M. E., Ziegler, J. T., Molineros, J. et al. (2016). Genome-Wide Association Study in an Amerindian Ancestry Population Reveals Novel Systemic Lupus Erythematosus Risk Loci and the Role of European Admixture. [Arthritis & Rheumatology](#), 68(4), 932-943.
- 6 Klionsky, D. J., Abdelmohsen, K., Abe, A. et al. (2016). Guidelines for the Use and Interpretation of Assays for Monitoring Autophagy (3rd Edition). [Autophagy](#), 12(1), 1-222.
- 7 Cayetano-Cruz, M., Perez de los Santos, A. I., Garcia-Huante, Y., Santiago-Hernandez, A., Pavon-Orozco, P., Lopez y Lopez, V. E. & Hidalgo-Lara, M. E. (2016). High level expression of a recombinant xylanase by *Pichia pastoris* cultured in a bioreactor with methanol as the sole carbon source: Purification and biochemical characterization of the enzyme. [Biochemical Engineering Journal](#), 112, 161-169.
- 8 Navarrete-Vazquez, G., Austrich-Olivares, A., Godinez-Chaparro, B., Hidalgo-Figueroa, S., Estrada-Soto, S., Hernandez-Nunez, E., Torres-Gomez, H., Schepmann, D. & Wunsch, B. (2016). Discovery of 2-(3,4-Dichlorophenoxy)-N-(2-Morpholin-4-Ylethyl)Acetamide: a Selective Sigma(1) Receptor Ligand With Antinociceptive Effect. [Biomedicine & Pharmacotherapy](#), 79, 284-293.
- 9 Garcia-Tejeda, Y. V., Salinas-Moreno, Y., Hernandez-Martinez, A. R. & Martinez-Bustos, F. (2016). Encapsulation of Purple Maize Anthocyanins in Phosphorylated Starch by Spray Drying. [Cereal Chemistry](#), 93(2), 130-137.
- 10 Gutierrez, D. & Ramirez-Moreno, M. A. (2016). Assessing a Learning Process With Functional Anova Estimators of Eeg Power Spectral Densities. [Cognitive Neurodynamics](#), 10(2), 175-183.

11Brule, T., Caballero-Arango, D., Renan, X. & Colas-Marrufo, T. (2016). Confirmation of Functional Hermaphroditism in Six Grouper Species (Epinephelidae: Epinephelinae) From the Gulf of Mexico. *Cybium*, 40(1), 83-92.

12Pena-Caballero, V., Aguilar-Lopez, R., Lopez-Perez, P. A. & Neria-Gonzalez, M. I. (2016). Reduction of Cr(Vi) Utilizing Biogenic Sulfide: an Experimental and Mathematical Modeling Approach. *Desalination and Water Treatment*, 57(28), 13056-13065.

13Zuniga-Zamora, A., Garcia-Mena, J. & Cervantes-Gonzalez, E. (2016). Removal of Congo Red From the Aqueous Phase by Chitin and Chitosan From Waste Shrimp. *Desalination and Water Treatment*, 57(31), 14674-14685.

14Vazquez-Arreguin, R., Aguilar-Frutis, M., Falcony-Guajardo, C., Castaneda-Galvan, A., Mariscal-Becerra, L., Gallardo-Hernandez, S., Alarcon-Flores, G. & Garcia-Rocha, M. (2016). Electrical, Optical and Structural Properties of SnO<sub>2</sub>:Sb:F Thin Films Deposited From Sn(Acac)(2) by Spray Pyrolysis. *Ecs Journal of Solid State Science and Technology*, 5(3), Q101-Q107.

15Garrido, J., Yu, W. & Li, X. (2016). Robot trajectory generation using modified hidden Markov model and Lloyd's algorithm in joint space. *Engineering Applications of Artificial Intelligence*, 53, 32-40.

16Manzano-Leon, N., Serrano-Lomelin, J., Sanchez, B. N. et al. (2016). Tnf Alpha and IL-6 Responses to Particulate Matter in Vitro: Variation According to Pm Size, Season, and Polycyclic Aromatic Hydrocarbon and Soil Content. *Environmental Health Perspectives*, 124(4), 406-412.

17Banuelos-Cabrera, I., Cuellar-Herrera, M., Velasco, A. L., Velasco, F., Alonso-Vanegas, M., Carmona, F., Guevara, R., Arias-Montano, J. A. & Rocha, L. (2016). Pharmacoresistant Temporal Lobe Epilepsy Modifies Histamine Turnover and H-3 Receptor Function in the Human Hippocampus and Temporal Neocortex. *Epilepsia*, 57(4), E76-E80.

18Cobos-Puc, L. E., Aguayo-Morales, H., Silva-Belmares, Y., Gonzalez-Zavala, M. A. & Centurion, D. (2016). Alpha(2a)-Adrenoceptors, but Not Nitric Oxide, Mediate the Peripheral Cardiac Sympatho-Inhibition of Moxonidine. *European Journal of Pharmacology*, 782, 35-43.

19Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Event Generator Tunes Obtained From Underlying Event and Multiparton Scattering Measurements. *European Physical Journal C*, 76(3), 155.

20Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Inclusive Quarkonium Production at Forward Rapidity in Pp Collisions at Root S=8 Tev. *European Physical Journal C*, 76(4), 184.

21Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Multiplicity and Transverse Momentum Evolution of Charge-Dependent Correlations in Pp, P-Pb, and Pb-Pb Collisions at the Lhc. *European Physical Journal C*, 76(2), 86.

22Gutierrez, J. C., Lozano, A., Manzano, A. & Flores, M. S. (2016). Numerical and Experimental Analysis for Shape Improvement of a Cruciform Composite Laminates Specimen. *Fibres & Textiles in Eastern Europe*, 24(2), 89-94.

- 23Urrutia-Ortega, I. M., Garduno-Balderas, L. G., Delgado-Buenrostro, N. L. et al. (2016). Food-grade titanium dioxide exposure exacerbates tumor formation in colitis associated cancer model. [Food and Chemical Toxicology](#), 93, 20-31.
- 24Dante, R. C., Sanchez-Arevalo, F. M., Chamorro-Posada, P. et al. (2016). Synthesis and Characterization of Cu-Doped Polymeric Carbon Nitride. [Fullerenes Nanotubes and Carbon Nanostructures](#), 24(3), 171-180.
- 25Balderrama, V. S., Avila-Herrera, F., Sanchez, J. G., Pallares, J., Vigil-Galan, O., Marsal, L. F. & Estrada, M. (2016). Organic Solar Cells Toward the Fabrication Under Air Environment. [Ieee Journal of Photovoltaics](#), 6(2), 491-497.
- 26Reyes, A. & Lopez, I. (2016). Dense Correspondence Using Local Regions With Affine Transformations. [Ieee Latin America Transactions](#), 14(2), 893-898.
- 27Elizondo, J. C., Ramirez, G., Rodriguez, E. & Martinez, J. R. (2016). Multi-Robot Exploration Using Self-Biddings Under Constraints on Communication Range. [Ieee Latin America Transactions](#), 14(2), 971-982.
- 28Guerrero, E., Sira, H., Martinez, A., Linares, J. & Guzman, E. (2016). On the Robust Control of Parallel-Cascade Dc/Dc Buck Converter. [Ieee Latin America Transactions](#), 14(2), 595-601.
- 29Lopez, I., Garza, P. C., Benitez, H., Rios, R. & Duran, A. (2016). Reconfiguration Distributed Objects in an Intelligent Manufacturing Cell. [Ieee Latin America Transactions](#), 14(1), 136-146.
- 30Gutierrez, L. F., Cervantes, F., Vargas, S., Torres, G. & Ramos, F. (2016). Simplifying the Design of Interactive Simulations of Deformable Objects. [Ieee Latin America Transactions](#), 14(1), 391-397.
- 31Hernandez, I. A., Canedo, J. M., Olivares-Galvan, J. C. & Betancourt, E. (2016). Novel Technique to Compute the Leakage Reactance of Three-Phase Power Transformers. [Ieee Transactions on Power Delivery](#), 31(2), 437-444.
- 32Serna, J. A. D., Ramirez, J. M., Mendez, A. Z. & Paternina, M. R. A. (2016). Identification of Electromechanical Modes Based on the Digital Taylor-Fourier Transform. [Ieee Transactions on Power Systems](#), 31(1), 206-215.
- 33Zhermolenko, V. N. & Poznyak, A. S. (2016). Necessary and Sufficient Conditions for Stabilizability of Planar Parametrically Perturbed Control Systems. [Ima Journal of Mathematical Control and Information](#), 33(1), 53-68.
- 34Cruz-Morales, R. D., Velasco-Villa, M., Castro-Linares, R. & Palacios-Hernandez, E. R. (2016). Leader-Follower Formation for Nonholonomic Mobile Robots: Discrete-Time Approach. [International Journal of Advanced Robotic Systems](#), 13, 46.
- 35Sanz, F. A., Ramirez, J. M. & Posada, J. (2016). Statistical method for on-line voltage collapse proximity estimation. [International Journal of Electrical Power & Energy Systems](#), 82, 392-399.

- 36Puga, S., Bonilla, M., Malabre, M., Mondie, S. & Lozano, R. (2016). Singularly Perturbed Implicit Control Law for Linear Time-Varying Delay Mimo Systems. [International Journal of Robust and Nonlinear Control](#), 26(7), 1395-1421.
- 37Alburquerque, D., Troncoso, L., Denardin, J. C., Butera, A., Padmasree, K. D., Ortiz, J., Herrera, F., Marco, J. F. & Gautier, J. L. (2016). Structural and Physicochemical Properties of Nickel Manganite  $\text{NiMn}_2\text{o}_4$ -Delta Synthesized by Sol-Gel and Ultra Sound Assisted Methods. [Journal of Alloys and Compounds](#), 672, 307-316.
- 38Jimenez-Bueno, N. G., Valenzuela-Encinas, C., Marsch, R., Ortiz-Gutierrez, D., Verhulst, N., Govaerts, B., Dendooven, L. & Navarro-Noya, Y. E. (2016). Bacterial Indicator Taxa in Soils Under Different Long-Term Agricultural Management. [Journal of Applied Microbiology](#), 120(4), 921-933.
- 39Chavez-Vargas, L., Adame-Garcia, S. R., Cervantes-Villagrana, R. D. et al. (2016). Protein Kinase a (Pka) Type I Interacts With P-Rex1, a Rac Guanine Nucleotide Exchange Factor: Effect on Pka Localization and P-Rex1 Signaling. [Journal of Biological Chemistry](#), 291(12), 6182-6199.
- 40Martinez-Aguilar, L., Lezama-Martinez, D., Orozco-Cortes, N. V., Gonzalez-Espinosa, C., Flores-Monroy, J. & Valencia-Hernandez, I. (2016). Antihypertensive Properties of a Novel Morphologic Derivative (4-Tert-Butyl-2,6-Bis(Thiomorpholine-4-Ilmethyl)Phenol). [Journal of Cardiovascular Pharmacology](#), 67(3), 246-251.
- 41Ramos, F., Flores, H., Rojas, A., Hernandez-Perez, J. M., Camarillo, E. A. & Amador, M. P. (2016). Experimental and Computational Thermochemical Study of Benzofuran, Benzothiophene and Indole Derivatives. [Journal of Chemical Thermodynamics](#), 97, 297-306.
- 42Silva, R., Mendoza, E., Marino-Tapia, I., Martinez, M. L. & Escalante, E. (2016). An Artificial Reef Improves Coastal Protection and Provides a Base for Coral Recovery. [Journal of Coastal Research](#), (SI(75)), 467-471.
- 43Gallegos, D. B. G., Marino-Tapia, I. & Levinson, A. V. (2016). Effects of Gravity Waves on Turbulence and Processes That Contribute to Mixing at a Submarine Groundwater Discharge. [Journal of Coastal Research](#), (SI(75)), 856-860.
- 44Vital-Jacome, M., Buitron, G., Moreno-Andrade, I., Garcia-Rea, V. & Thalasso, F. (2016). Microrespirometric Determination of the Effectiveness Factor and Biodegradation Kinetics of Aerobic Granules Degrading 4-Chlorophenol as the Sole Carbon Source. [Journal of Hazardous Materials](#), 313, 112-121.
- 45Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Measurement of D-S(+) Product Ion and Nuclear Modification Factor in Pb-Pb Collisions at Root S-Nn=2.76 Tev. [Journal of High Energy Physics](#), (3), 082.
- 46Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Transverse Momentum Dependence of D-Meson Production in Pb-Pb Collisions at Root S-Nn=2.76 Tev. [Journal of High Energy Physics](#), (3), 081.

- 47Lara, V. H., Fuentes, L. G., Alvarado, O. C., Rodriguez, A. S. & Sanchez, E. G. (2016). Hot Ductility of the 17-4 Ph Stainless Steels. [Journal of Materials Engineering and Performance](#), 25(3), 1041-1046.
- 48Suarez-Moreno, G. V., Xotlanihua-Flores, A., Vela, A., Contreras, R. & Flores-Parra, A. (2016). Theoretical Approach to the Conformational Analyses of Dithiazinane, Thiadiazinane and Triazinane, Their N-Borane Adducts and N-H Cations. [Journal of Molecular Structure](#), 1113, 112-126.
- 49Mendez-Medrano, M. G., Kowalska, E., Lehoux, A. et al. (2016). Surface Modification of TiO<sub>2</sub> With Ag Nanoparticles and CuO Nanoclusters for Application in Photocatalysis. [Journal of Physical Chemistry C](#), 120(9), 5143-5154.
- 50Aranda, J. I., Cortes-Maldonado, I., Ramirez-Zavaleta, F. & Tututi, E. S. (2016). The Z(H) → Gamma H Decay in the Littlest Higgs Model. [Journal of Physics G-Nuclear and Particle Physics](#), 43(2), 025002.
- 51Garcia-Perez, M. C. & Lopez, M. G. (2016). Factors Affecting Fructosyltransferases and Fructan Exohydrolase Activities in Agave Tequilana Weber Var. Azul. [Journal of Plant Biochemistry and Biotechnology](#), 25(2), 147-154.
- 52Delgado-Aguinaga, J. A., Begovich, O. & Besancon, G. (2016). Exact-Differentiation-Based Leak Detection and Isolation in a Plastic Pipeline Under Temperature Variations. [Journal of Process Control](#), 42, 114-124.
- 53Minjarez, B., Calderon-Gonzalez, K. G., Rustarazo, M. L. V., Herrera-Aguirre, M. E., Labra-Barrios, M. L., Rincon-Limas, D. E., Del Pino, M. M. S., Mena, R. & Luna-Arias, J. P. (2016). Identification of Proteins That Are Differentially Expressed in Brains With Alzheimer's Disease Using iTRAQ Labeling and Tandem Mass Spectrometry. [Journal of Proteomics](#), 139, 103-121.
- 54Torres-Huitzil, C. (2016). Fpga-Based Fast Computation of Gray-Level Morphological Granulometries. [Journal of Real-Time Image Processing](#), 11(3), 547-557.
- 55Quezada-Naquid, M., Marcellin-Jimenez, R., Gonzalez-Compean, J. L. & Perez, J. C. (2016). RS-Pooling: an Adaptive Data Distribution Strategy for Fault-Tolerant and Large-Scale Storage Systems. [Journal of Supercomputing](#), 72(2), 417-437.
- 56Pfeiler, E., Laclette, M. R. L. & Markow, T. A. (2016). Butterfly Biodiversity in a Threatened Coastal Desert Ecosystem of Northwestern Mexico, With a Focus on the Life History and Ecology of Potentially Endangered Species. [Journal of the Lepidopterists Society](#), 70(1), 47-60.
- 57Broitman, E., Flores-Ruiz, F. J., Di Giulio, M., Gontad, F., Lorusso, A. & Perrone, A. (2016). Microstructural, Nanomechanical, and Microtribological Properties of Pb Thin Films Prepared by Pulsed Laser Deposition and Thermal Evaporation Techniques. [Journal of Vacuum Science & Technology a](#), 34(2), 021505.

58 Beltran-Carbajal, F., Silva-Navarro, G. & Vazquez-Gonzalez, B. (2016). Multi-Frequency Harmonic Vibration Suppression on Mass-Spring-Damper Systems Using Active Vibration Absorbers. [Journal of Vibration Engineering & Technologies](#), 4(1), 1-12.

59 Rodriguez-Andrade, M. A., Aragon-Gonzalez, G. & Aragon, J. L. (2016). The Generation of All Rational Orthogonal Matrices in Rp,Q. [Linear Algebra and Its Applications](#), 496, 101-113.

60 Garcia-Rodriguez, R., Villanueva-Cab, J., Anta, J. A. & Oskam, G. (2016). A Critical Evaluation of the Influence of the Dark Exchange Current on the Performance of Dye-Sensitized Solar Cells. [Materials](#), 9(1), 33.

61 Gomez-Pozos, H., Arredondo, E. J. L., Alvarez, A. M., Biswal, R., Kudriavtsev, Y., Perez, J. V., Casallas-Moreno, Y. L. & Amador, M. D. O. (2016). Cu-Doped ZnO Thin Films Deposited by a Sol-Gel Process Using Two Copper Precursors: Gas-Sensing Performance in a Propane Atmosphere. [Materials](#), 9(2), 87.

62 Marquez-Herrera, A., Ovando-Medina, V. M., Castillo-Reyes, B. E., Zapata-Torres, M., Melendez-Lira, M. & Gonzalez-Castaneda, J. (2016). Facile Synthesis of SrCo<sub>3</sub>-Sr(OH)<sub>2</sub>/Ppy Nanocomposite With Enhanced Photocatalytic Activity Under Visible Light. [Materials](#), 9(1), 30.

63 Kumar, B., Smita, K., Cumbal, L., Camacho, J., Hernandez-Gallegos, E., Chavez-Lopez, M. D., Grijalva, M. & Andrade, K. (2016). One Pot Phytosynthesis of Gold Nanoparticles Using Genipa Americana Fruit Extract and Its Biological Applications. [Materials Science & Engineering C-Materials for Biological Applications](#), 62, 725-731.

64 Gamboa, F., Lopez, A., Aviles, F., Corona, J. E. & Oliva, A. I. (2016). A Vibrating Reed Apparatus to Measure the Natural Frequency of Multilayered Thin Films. [Measurement Science and Technology](#), 27(4), 045002.

65 Hernandez, S. I. D., Puerta-Guardo, H. N., Aguilar, H. F., Mateos, S. G., Martinez, I. L., Ortiz-Navarrete, V., Ludert, J. E. & Del Angel, R. M. (2016). Primary Dengue Virus Infections Induce Differential Cytokine Production in Mexican Patients. [Memorias Do Instituto Oswaldo Cruz](#), 111(3), 161-U79.

66 Flores-Sanchez, I. J., Paniagua-Vega, D., Vera-Reyes, I., Cerda-Garcia-Rojas, C. M. & Ramos-Valdivia, A. C. (2016). Alkaloid Biosynthesis and Metabolic Profiling Responses to Jasmonic Acid Elicitation in Hamelia Patens Plants by Nmr-Based Metabolomics. [Metabolomics](#), 12(4), 66.

67 Abarca-Jimenez, G. S., Reyes-Barranca, M. A., Mendoza-Acevedo, S., Munguia-Cervantes, J. E. & Aleman-Arce, M. A. (2016). Electromechanical Modeling and Simulation by the Euler-Lagrange Method of a Mems Inertial Sensor Using a Fgmos as a Transducer. [Microsystem Technologies-Micro-and Nanosystems-Information Storage and Processing Systems](#), 22(4), 767-775.

68 Rodriguez, V. M., Limon-Pacheco, J. H., Del Razo, L. M. & Giordano, M. (2016). Effects of Inorganic Arsenic Exposure on Glucose Transporters and Insulin Receptor in the Hippocampus of C57bl/6 Male Mice. [Neurotoxicology and Teratology](#), 54, 68-77.

- 69 Mendoza-Galvan, A., Munoz-Pineda, E., Jarrendahl, K. & Arwin, H. (2016). Birefringence of Nanocrystalline Chitin Films Studied by Mueller-Matrix Spectroscopic Ellipsometry. [Optical Materials Express](#), 6(2), 671-681.
- 70 Garcia, P. & Poznyak, A. (2016). Multi-Model Lq-Constrained Min-Max Control. [Optimal Control Applications & Methods](#), 37(2), 359-380.
- 71 Vazquez-Delfin, E., Boo, G. H., Rodriguez, D., Boo, S. M. & Robledo, D. (2016). Hypnea Musciformis (Cystocloniaceae) From the Yucatan Peninsula: Morphological Variability in Relation to Life-Cycle Phase. [Phycologia](#), 55(2), 230-242.
- 72 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Centrality Dependence of the Nuclear Modification Factor of Charged Pions, Kaons, and Protons in Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Physical Review C](#), 93(3), 034913.
- 73 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Event-Shape Engineering for Inclusive Spectra and Elliptic Flow in Pb-Pb Collisions at Root(Nn)-N-S=2.76 Tev. [Physical Review C](#), 93(3), 034916.
- 74 Aab, A., Abreu, P., Aglietta, M. et al. (2016). Azimuthal Asymmetry in the Risetime of the Surface Detector Signals of the Pierre Auger Observatory. [Physical Review D](#), 93(7), 072006.
- 75 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the Top Quark Mass Using Proton-Proton Data at Root(S)=7. [Physical Review D](#), 93(7), 072004.
- 76 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurements of T(T)Over-Bar Spin Correlations and Top Quark Polarization Using Dilepton Final States in Pp Collisions at Root S=8 Tev. [Physical Review D](#), 93(5), 052007.
- 77 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Dark Matter and Unparticles Produced in Association With a Z Boson in Proton-Proton Collisions at Root S=8 Tev. [Physical Review D](#), 93(5), 052011.
- 78 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2016). Study of Double Parton Interactions in Diphoton Plus Dijet Events in P<(P)Over Bar> Collisions at Root S = 1.96 Tev. [Physical Review D](#), 93(5), 052008.
- 79 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Anisotropic Flow of Charged Particles in Pb-Pb Collisions at Root S-Nn=5.02 Tev. [Physical Review Letters](#), 116(13), 132302.
- 80 Garcia-Castro, A. C., Romero, A. H. & Bousquet, E. (2016). Strain-Engineered Multiferroicity in Pnma Namnf3 Fluoroperovskite. [Physical Review Letters](#), 116(11), 117202.
- 81 Talavera-Aleman, A., Rodriguez-Garcia, G., Lopez, Y., Garcia-Gutierrez, H. A., Torres-Valencia, J. M., Del Rio, R. E., Cerda-Garcia-Rojas, C. M., Joseph-Nathan, P. & Gomez-Hurtado, M. A. (2016). Systematic Evaluation of Thymol Derivatives Possessing Stereogenic or Prostereogenic Centers. [Phytochemistry Reviews](#), 15(2), 251-277.

82Camelo-Mendez, G. A., Jara-Palacios, M. J., Escudero-Gilete, M. L., Gordillo, B., Hernanz, D., Paredes-Lopez, O., Vanegas-Espinoza, P. E., Del Villar-Martinez, A. A. & Heredia, F. J. (2016). Comparative Study of Phenolic Profile, Antioxidant Capacity, and Color-Composition Relation of Roselle Cultivars With Contrasting Pigmentation. [Plant Foods for Human Nutrition](#), 71(1), 109-114.

83Gonzalez-Brambila, C. N., Reyes-Gonzalez, L., Veloso, F. & Perez-Angon, M. A. (2016). The Scientific Impact of Developing Nations. [Plos One](#), 11(3), e0151328.

84Madera-Santana, T. J., Melendrez, R., Gonzalez-Garcia, G., Quintana-Owen, P. & Pillai, S. D. (2016). Effect of Gamma Irradiation on Physicochemical Properties of Commercial Poly(Lactic Acid) Clamshell for Food Packaging. [Radiation Physics and Chemistry](#), 123, 6-13.

85Gutierrez-Giles, A., Arteaga-Perez, M. A. & Sira-Ramirez, H. (2016). Generalized Proportional Integral Observer-Based Force Control in Robot Manipulators. [Revista Iberoamericana De Automatica E Informatica Industrial](#), 13(2), 238-246.

86Liu, L., Moreno, D., Osorio, E., Castro, A. C., Pan, S., Chattaraj, P. K., Heine, T. & Merino, G. (2016). Structure and Bonding of Irb12-: Converting a Rigid Boron B-12 Platelet to a Wankel Motor. [Rsc Advances](#), 6(32), 27177-27182.

87Pineda-Belmontes, C. P., Hernandez-Ramirez, R. U., Hernandez-Alcaraz, C., Cebrian, M. E. & Lopez-Carrillo, L. (2016). Genetic Polymorphisms of Ppar Gamma, Arsenic Methylation Capacity and Breast Cancer Risk in Mexican Women. [Salud Publica De Mexico](#), 58(2), 220-227.

88Zavala, G., Nebro, A. J., Luna, F. & Coello, C. A. C. (2016). Structural Design Using Multi-Objective Metaheuristics. Comparative Study and Application to a Real-World Problem. [Structural and Multidisciplinary Optimization](#), 53(3), 545-566.

89Hernandez-Hernandez, E. M., Serrano-Garcia, C., Vazquez-Roque, R. A., Diaz, A., Monroy, E., Rodriguez-Moreno, A., Floran, B. & Flores, G. (2016). Chronic Administration of Resveratrol Prevents Morphological Changes in Prefrontal Cortex and Hippocampus of Aged Rats. [Synapse](#), 70(5), 206-217.

90Oliva, M. & Montiel, S. (2016). Stakeholder Linkage in Conservation Strategies: a Qualitative Tool for Improving the Management of a Biosphere Reserve in the Yucatan Peninsula, Mexic. [Tropical Conservation Science](#), 9(1), 423-438.

91Mendez, O. & Galvan-Magana, F. (2016). Cestodes of the Blue Shark, *Prionace Glauca* (Linnaeus 1758), (Carcharhiniformes: Carcharhinidae), Off the West Coast of Baja California Sur, Mexico. [Zootaxa](#), 4085(3), 438-444.

**[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXTENO EN OTRAS REVISTAS ESPECIALIZADAS  
(INCLUÍDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)**

92 Gallegos, E., Baltazar, A. & Treesatayapun, C. (2016). Neuro Fuzzy Force Control for Soft Dry Contact Hertzian Ultrasonic Probe. [Aip Conference Proceedings](#), 1706, 180010.

93 Ortiz-Vazquez, I. C., Perez-Robles, J. F., De La Torre-Gea, G. A., Fernandez-Loyola, R. & Perez-Brito, J. F. (2016). A Multivariable Computational Fluid Dynamics Analysis Method Based in Bayesian Networks Applied in a Biorreactor. *Journal of Applied Chemical Science International*, 6(1), 10-17.

94 Reyes, I., Iddings, A. C. D. & Feller, N. (2016). Building Relationships With Diverse Students and Families: a Funds of Knowledge Perspective. *Journal of Early Childhood Literacy*, 16(1), 8-33.

95 Norberto, C., Gonzalez-Brambila, C. N. & Matsumoto, Y. (2016). Systematic Analysis of Factors Affecting Solar Pv Deployment. *Journal of Energy Storage*, 6, 163-172.

96 Morales-Luna, M., Arvizu, M. A., Granqvist, C. G. & Niklasson, G. A. (2016). Sputter Deposited W1-X-Ynixtiyo3 Thin Films: Electrochromic Properties and Durability. *Journal of Physics Conference Series*, 682, 012021.

97 Healy, L., Ramos, E. B., Fernandes, S. & Peixoto, J. L. B. (2016). Mathematics in the Hands of Deaf Learners and Blind Learners: Visual-Gestural-Somatic Means of Doing and Expressing Mathematics. *New Icmi Study Series*, 141-162.

#### **[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES**

98 Alvarez-Venegas, R. & De-La-Pena, C. (2016). Editorial: Recent Advances of Epigenetics in Crop Biotechnology. *Frontiers in Plant Science*, 7, 413.

99 Levin, M., Anavy, L., Cole, A. G. et al. (2016). The Mid-Developmental Transition and the Evolution of Animal Body Plans. *Nature*, 531(7596), 637-+.

100 Muriel, P. & Gordillo, K. R. (2016). Role of Oxidative Stress in Liver Health and Disease. *Oxidative Medicine and Cellular Longevity*, 2016, 9037051.

101 Mesquita, R. D., Vionette-Amaral, R. J., Lowenberger, C. et al. (2016). Genome of Rhodnius Prolixus, an Insect Vector of Chagas Disease, Reveals Unique Adaptations to Hematophagy and Parasite Infection (Vol 112, Pg 14936, 2015). *Proceedings of the National Academy of Sciences of the United States of America*, 113(10), E1415-E1416.

102 Ramirez-Puebla, S. T., Servin-Garciduenas, L. E., Ormeno-Orrillo, E., Vera-Ponce de Leon, A., Rosenblueth, M., Delaye, L., Martinez, J. & Martinez-Romero, E. (2016). A Response to Lindsey Et Al. "Wolbachia Pipiensis Should Not Be Split Into Multiple Species: a Response to Ramirez-Puebla Et Al.". *Systematic and Applied Microbiology*, 39(3), 223-225.

#### **[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS**

103 Azcorra, H., Dickinson, F. & Banik, S. D. (2016). Maternal Height, Children's Birth Weight and Adiposity in a Sample of 6 to 10 Years of Age. *American Journal of Human Biology*, 28(2), 268.

104 Banik, S. D., Salehabadi, S. M. & Dickinson, F. (2016). Preece Baines Model 1 to Estimate Height and Knee Height Growth in Boys and Girls From Merida, Mexico. *American Journal of Human Biology*, 28(2), 273-274.

105Vergara-Porras, B., Perez-Guevara, F. & Gracida-Rodriguez, J. N. (2016). Study of Thermal, Crystalline, Tensile and Biodegradation Properties of 70/30 Poly(Beta-Hydroxybutyrate/Poly(Epsilon-Caprolactone) Melt-Mixed Blends: the Influence of Compression Molding Conditions. [New Biotechnology](#), 33(3), 428.

106Vergara-Porras, B., Perez-Guevara, F. & Gracida-Rodriguez, J. N. (2016). Using Morphological Structure of Penicillium Funiculosum as a Bioavailability Index During the Biodegradation of Phb, Pcl and Their Blends. [New Biotechnology](#), 33(3), 411.

107Kyathanahalli, C. N., Arenas-Hernandez, M., Pancharatnam, J., Lopez, N. G. & Condon, J. C. (2016). Endoplasmic Reticulum Stress and Unfolded Protein Response Profile in Peripheral Blood Mononuclear Cells May Predict Timing of the Onset of Labor. [Reproductive Sciences](#), 23, 206A.

108Arenas-Hernandez, M., Romero, R., Furcron, A. E., Mial, T. N., Panaitescu, B., Hassan, S. S. & Gomez-Lopez, N. (2016). Human Chorionic Gonadotropin Administration Prevents Endotoxin-Induced Preterm Birth but Causes Dystocia and Fetal Compromise. [Reproductive Sciences](#), 23, 292A.

109Yu, J., Berga, S. L., Yook, G., Pan, J. C., Andrade, A. A., Johnston-Macananny, E. B. & Taylor, R. N. (2016). IL-1 Beta Disrupts Morphological and Biochemical Differentiation of Human Endometrial Stromal Cells: Potential Role in Infertility. [Reproductive Sciences](#), 23, 247A-248A.

110Ramaranarayanan, S., Arenas-Hernandez, M., Ingles, J., Gomez-Lopez, N., Jeyasuria, P. & Condon, J. C. (2016). Lps Induces Extensive Apoptosis in the Placental and Endometrial Compartment Independent of the Endoplasmic Reticulum Stress Response in Vivo. [Reproductive Sciences](#), 23, 295A.

#### **[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS**

111Garcia-Sanchez, J. L., Jimenez-Saab, N. G., Guerrero-Gonzalez, J., Elizalde-Barrera, C. I., Reyna-Ramirez, M. D., Rubio-Sanchez, M. E., Ledesma-Velazquez, A. & Montano-Alonso, E. A. (2016). Hyperleptinemia Associated With Ischemic Stroke (Cva). [Gaceta Medica De Mexico](#), 152(1), 78-86.

112Garcia-Galvez, A. M. & Arias-Montano, J. A. (2016). Isoforms of the Human Histamine H-3 Receptor: Generation, Expression in the Central Nervous System (Cns) and Functional Implications. [Gaceta Medica De Mexico](#), 152(1), 94-102.

113Ramirez, A., Vazquez-Sanchez, A. Y., Carrion-Robalino, N. & Camacho, J. (2016). Ion Channels and Oxidative Stress as a Potential Link for the Diagnosis or Treatment of Liver Diseases. [Oxidative Medicine and Cellular Longevity](#), 2016, 3928714.

## ARTÍCULOS DEL MES DE MAYO DE 2016

### **[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXLENDO EN REVISTAS INCLUIDAS EN JCR**

- 1 Makhniy, V. P., Horley, P. P., Vorobiev, Y. V. & Kinzerska, O. V. (2016). Optical Properties of ZnSe(Te) With Ytterbium Impurity. [Applied Optics](#), 55(12), B1-B3.
- 2 Rincon-Lopez, J. A., Fernandez-Benavides, D. A., Giraldo-Betancur, A. L., Cruz-Munoz, B., Riascos, H. & Munoz-Saldana, J. (2016). Bi4Si3O12 Thin Films for Scintillator Applications. [Applied Physics a-Materials Science & Processing](#), 122(4), 429.
- 3 Jimenez-Perez, J. L., Pincel, P. V., Cruz-Orea, A. & Correa-Pacheco, Z. N. (2016). Thermal Characterization of a Liquid Resin for 3d Printing Using Photothermal Techniques. [Applied Physics a-Materials Science & Processing](#), 122(5), 556.
- 4 Verduzco-Castro, E. A., Michalska, K., Endres, M. et al. (2016). Co-Occurrence of Analogous Enzymes Determines Evolution of a Novel (Beta Alpha)(8)-Isomerase Sub-Family After Non-Conserved Mutations in Flexible Loop. [Biochemical Journal](#), 473(9), 1141-1152.
- 5 Perez-Pimienta, J. A., Poggi-Varaldo, H. M., Ponce-Noyola, T., Ramos-Valdivia, A. C., Chavez-Carvayar, J. A., Stavila, V. & Simmons, B. A. (2016). Fractional pretreatment of raw and calcium oxalate-extracted agave bagasse using ionic liquid and alkaline hydrogen peroxide. [Biomass and Bioenergy](#), 91, 48-55.
- 6 Alvarez-Buylla, E. R., Davila-Velderrain, J. & Martinez-Garcia, J. C. (2016). Systems Biology Approaches to Development Beyond Bioinformatics: Nonlinear Mechanistic Models Using Plant Systems. [Bioscience](#), 66(5), 371-383.
- 7 Rojas-Rejon, O. A., Poggi-Varaldo, H. M., Ramos-Valdivia, A. C., Ponce-Noyola, T., Cristiani-Urbina, E., Martinez, A. & De La Torre, M. (2016). Enzymatic Saccharification of Sugar Cane Bagasse by Continuous Xylanase and Cellulase Production From Cellulomonas Flavigena Pr-22. [Biotechnology Progress](#), 32(2), 321-326.
- 8 Hernandez-Cumplido, J., Forter, B., Moreira, X., Heil, M. & Benrey, B. (2016). Induced Floral and Extrafloral Nectar Production Affect Ant-Pollinator Interactions and Plant Fitness. [Biotropica](#), 48(3), 342-348.
- 9 Gomez-Garcia, M. D. & Ochoa-Alejo, N. (2016). Predominant Role of the L-Galactose Pathway in L-Ascorbic Acid Biosynthesis in Fruits and Leaves of the Capsicum Annum L. Chili Pepper. [Brazilian Journal of Botany](#), 39(1), 157-168.
- 10 May-Ku, M. A., Kuk-Dzul, J. G., Herrera-Dorantes, T. & Ardisson, P. L. (2016). Density and Depth Distribution of the Sympatric Species Squilla Chydaea and Squilla Empusa (Stomatopoda: Squillidae) in the Southern Gulf of Mexico. [Bulletin of Marine Science](#), 92(2), 181-190.

- 11 Winfield, I., Ortiz, M. & Ardisson, P. L. (2016). Two New Species (Amphipoda, Senticaudata, Corophiida) From the Continental Slope and Abyssal Plain of the Gulf of Mexico. [Bulletin of Marine Science](#), 92(2), 243-255.
- 12 Estudillo, E., Zavala, P., Perez-Sanchez, G., Ayala-Sarmiento, A. E. & Segovia, J. (2016). Gas1 Is Present in Germinal Niches of Developing Dentate Gyrus and Cortex. [Cell and Tissue Research](#), 364(2), 369-384.
- 13 Moreno-Lorenzana, D., Aviles-Vazquez, S., Sandoval-Esquivel, M. A., Alvarado-Moreno, A., Ortiz-Navarrete, V., Torres-Martinez, H., Ayala-Sanchez, M., Mayani, H. & Chavez-Gonzalez, A. (2016). CDKIs p18(INK4c) and p57(Kip2) are involved in quiescence of CML leukemic stem cells after treatment with TKI. [Cell Cycle](#), 15(9), 1276-1287.
- 14 Marquez, A., Rodriguez-Perez, M. J., Anta, J. A., Rodriguez-Gattorno, G., Bourret, G. R., Oskam, G. & Berger, T. (2016). Defects in Porous Networks of Wo<sub>3</sub> Particle Aggregates. [Chemelectrochem](#), 3(4), 658-667.
- 15 Ortega, A. R., Sanchez-Castellanos, M., Perez-Hernandez, N., Robles-Zepeda, R. E., Joseph-Nathan, P. & Quijano, L. (2016). Relative Stereochemistry and Absolute Configuration of Farinosin, a Eudesmanolide From Encelia Farinosa. [Chirality](#), 28(5), 415-419.
- 16 Garcia-Garcia, E., Staines-Boone, A. T., Vargas-Hernandez, A. et al. (2016). Clinical and Mutational Features of X-Linked Agammaglobulinemia in Mexico. [Clinical Immunology](#), 165, 38-44.
- 17 Cervantes, J. A., Rodriguez, L. F., Lopez, S., Ramos, F. & Robles, F. (2016). Autonomous Agents and Ethical Decision-Making. [Cognitive Computation](#), 8(2), 278-296.
- 18 Martinez-Lopez, R. & Escalante-Garcia, J. I. (2016). Alkali activated composite binders of waste silica soda lime glass and blast furnace slag: Strength as a function of the composition. [Construction and Building Materials](#), 119, 119-129.
- 19 Izaguirre-Espinosa, C., Munoz-Vazquez, A. J., Sanchez-Orta, A., Parra-Vega, V. & Sanahuja, G. (2016). Fractional attitude-reactive control for robust quadrotor position stabilization without resolving underactuation. [Control Engineering Practice](#), 53, 47-56.
- 20 Mascotte-Cruz, J. U., Rios, A. & Escalante, B. (2016). Combined Effects of Flow-Induced Shear Stress and Electromagnetic Field on Neural Differentiation of Mesenchymal Stem Cells. [Electromagnetic Biology and Medicine](#), 35(2), 161-166.
- 21 Khamkure, S., Cervantes, E. P., Melo, P. G. & Gonzalez, A. Z. (2016). Effect of Clay Soil Content on Fecal Bacteria Removal in an Intermittent Media Infiltration System. [Environmental Engineering and Management Journal](#), 15(1), 113-121.
- 22 Silva-Martinez, G. A., Rodriguez-Rios, D., Alvarado-Caudillo, Y. et al. (2016). Arachidonic and Oleic Acid Exert Distinct Effects on the Dna Methylome. [Epigenetics](#), 11(5), 321-334.

- 23 Santamaria-Herrera, M. A., Rios-Perez, E. B., De La Rosa, J. A. M., Garcia-Castaneda, M., Osornio-Garduno, D. S., Ramos-Mondragon, R., Mancilla-Percino, T. & Avila, G. (2016). Mdimp, a Novel Cardiac Ca<sub>2+</sub> Channel Blocker With Atrial Selectivity. [European Journal of Pharmacology](#), 781, 218-228.
- 24 Vidal-Cantu, G. C., Jimenez-Hernandez, M., Rocha-Gonzalez, H. I., Villalon, C. M., Granados-Soto, V. & Munoz-Islas, E. (2016). Role of 5-HT<sub>5a</sub> and 5-HT<sub>1b/1d</sub> Receptors in the Antinociception Produced by Ergotamine and Valerenic Acid in the Rat Formalin Test. [European Journal of Pharmacology](#), 781, 109-116.
- 25 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the T(T)Over-Bar Production Cross Section in the All-Jets Final State in Pp Collisions at Root S=8tev. [European Physical Journal C](#), 76(3), 128.
- 26 Gomez-Conde, E., Vargas-Mejia, M. A., Diaz-Orea, M. A., Hernandez-Rivas, R., Cardenas-Perea, M. E., Guerrero-Gonzalez, T., Gonzalez-Barrios, J. A. & Montiel-Jarquin, A. J. (2016). Detection of beta-tubulin in the cytoplasm of the interphasic Entamoeba histolytica trophozoites. [Experimental Parasitology](#), 167, 38-42.
- 27 Romero-Espejel, M. E., Rodriguez, M. A., Chavez-Munguia, B., Rios-Castro, E. & Olivares-Trejo, J. J. (2016). Characterization of Spbhp-37, a Hemoglobin-Binding Protein of Streptococcus pneumoniae. [Frontiers in Cellular and Infection Microbiology](#), 6, 47.
- 28 Rodriguez-Rodriguez, C., Nava-Alonso, F., Uribe-Salas, A. & Vinals, J. (2016). Pyrargyrite (Ag<sub>3</sub>SbS<sub>3</sub>): Silver and antimony dissolution by ozone oxidation in acid media. [Hydrometallurgy](#), 164, 15-23.
- 29 Morales-Sandoval, M. & Diaz-Perez, A. (2016). Scalable Gf(P) Montgomery Multiplier Based on a Digit-Digit Computation Approach. [Iet Computers and Digital Techniques](#), 10(3), 102-109.
- 30 Izaguirre-Espinosa, C., Munoz-Vazquez, A. J., Sanchez-Orta, A., Parra-Vega, V. & Castillo, P. (2016). Attitude Control of Quadrotors Based on Fractional Sliding Modes: Theory and Experiments. [Iet Control Theory and Applications](#), 10(7), 825-832.
- 31 David, P. E., Benjamin, S. G. L., De La Luz, S. G. M., Sonia, L. G., Delia Eaea, Julieta, L. H. & Del Carmen, V. M. M. (2016). Effect of Neem (Azadirachta Indicia A. Juss.) Leaf Extracts in Human T Lymphocytes. [Indian Journal of Traditional Knowledge](#), 15(2), 219-222.
- 32 Cespedes, C. L., Lina-Garcia, L., Kubo, I., Salazar, J. R., Ariza-Castolo, A., Alarcon, J., Aqueveque, P., Werner, E. & Seigler, D. S. (2016). Calceolaria integrifolia s.l. complex, reduces feeding and growth of Acanthoscelides obtectus, and Epilachna varivestis. A new source of bioactive compounds against dry bean pests. [Industrial Crops and Products](#), 89, 257-267.
- 33 Santillan, M. (2016). Periodic Forcing of a 555-Ic Based Electronic Oscillator in the Strong Coupling Limit. [International Journal of Bifurcation and Chaos](#), 26(3), 1630007.

- 34 Chel-Guerrero, L., Barbosa-Martin, E., Martinez-Antonio, A., Gonzalez-Mondragon, E. & Betancur-Ancona, D. (2016). Some Physicochemical and Rheological Properties of Starch Isolated From Avocado Seeds. [International Journal of Biological Macromolecules](#), 86, 302-308.
- 35 Soltani, N., Pech-Canul, M. I., Gonzalez, L. A. & Bahrami, A. (2016). Mechanism and Parameters Controlling the Decomposition Kinetics of Na<sub>2</sub>SiF<sub>6</sub> Powder to SiF<sub>4</sub>. [International Journal of Chemical Kinetics](#), 48(7), 379-395.
- 36 Meraz-Davila, S., Chavez-Urbiola, I., Perez-Garcia, C. E., Sanchez-Martinez, A., Campos-Montiel, S. A., Alvarado-Beltran, C. G., Vorobiev, Y. V. & Ramirez-Bon, R. (2016). Solution Processable P3ht/Cds Photodiodes and Their Electrical Characterization. [International Journal of Electrochemical Science](#), 11(4), 2962-2970.
- 37 Martinez-Valdez, R., Fernandez, A. R., Hernandez, A. V. & Salas, L. L. (2016). Design of a Low Power Hybrid Hifu Applicator for Haemostasis Based on Acoustic Propagation Modelling. [International Journal of Hyperthermia](#), 32(2), 121-131.
- 38 Kashina, S., Villavicencio, L. L. F., Zaina, S., Ordaz, M. B., Sabanero, G. B., Fujiyoshi, V. T. & Lopez, M. S. (2016). Activity of Extracts From Submerged Cultured Mycelium of Winter Mushroom, Flammulina Velutipes (Agaricomycetes), on the Immune System in Vitro. [International Journal of Medicinal Mushrooms](#), 18(1), 49-57.
- 39 Ochoa, R., Flores, A. & Torres, J. (2016). Effect of Magnesium on the Aluminothermic Reduction Rate of Zinc Oxide Obtained From Spent Alkaline Battery Anodes for the Preparation of Al-Zn-Mg Alloys. [International Journal of Minerals Metallurgy and Materials](#), 23(4), 458-465.
- 40 Martinez-Angeles, C. A., Wu, H. C., Dutra, I., Costa, V. S. & Buenabad-Chavez, J. (2016). Relational Learning With Gpus: Accelerating Rule Coverage. [International Journal of Parallel Programming](#), 44(3), 663-685.
- 41 Keshtkar, S. & Poznyak, A. (2016). Tethered Space Orientation Via Adaptive Sliding Mode. [International Journal of Robust and Nonlinear Control](#), 26(8), 1632-1646.
- 42 Ontiveros-Torres, M. A., Labra-Barrios, M. L., Diaz-Cintra, S. et al. (2016). Fibrillar Amyloid-Beta Accumulation Triggers an Inflammatory Mechanism Leading to Hyperphosphorylation of the Carboxyl-Terminal End of Tau Polypeptide in the Hippocampal Formation of the 3xtg-Ad Transgenic Mouse. [Journal of Alzheimers Disease](#), 52(1), 243-269.
- 43 Vergara-Porras, B., Gracida-Rodriguez, J. N. & Perez-Guevara, F. (2016). Thermal Processing Influence on Mechanical, Thermal, and Biodegradation Behavior in Poly(Beta-Hydroxybutyrate)/Poly(Epsilon-Caprolactone) Blends: a Descriptive Model. [Journal of Applied Polymer Science](#), 133(27), 43569.
- 44 Gutierrez, R. (2016). The Plastic Neurotransmitter Phenotype of the Hippocampal Granule Cells and of the Moss in Their Messy Fibers. [Journal of Chemical Neuroanatomy](#), 73, 9-20.

- 45 Mendivil-Reynoso, T., Ochoa-Landin, R., Ramirez-Rodriguez, L. P., Gutierrez-Acosta, K., Ramirez-Bon, R. & Castillo, S. J. (2016). Pbse Films by Ion Exchange of Synthetic Plumbonacrite Layers Immersed in a Selenium Ionic Solution. [Journal of Crystal Growth](#), 443, 20-24.
- 46 Lopez-Rubalcava, C. & Estrada-Camarena, E. (2016). Mexican medicinal plants with anxiolytic or antidepressant activity: Focus on preclinical research. [Journal of Ethnopharmacology](#), 186, 377-391.
- 47 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of Differential and Integrated Fiducial Cross Sections for Higgs Boson Production in the Four-Lepton Decay Channel in Pp Collisions at Root S=7 and 8 Tev. [Journal of High Energy Physics](#), (4), 005.
- 48 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of Top Quark Polarisation in T-Channel Single Top Quark Production. [Journal of High Energy Physics](#), (4), 73.
- 49 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Anomalous Single Top Quark Production in Association With a Photon in Pp Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (4), 035.
- 50 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Excited Leptons in Proton-Proton Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (3), 125.
- 51 Kumar-Krishnan, S., Hernandez-Rangel, A., Pal, U., Ceballos-Sanchez, O., Flores-Ruiz, F. J., Prokhorov, E., De Fuentes, O. A., Esparza, R. & Meyyappan, M. (2016). Surface Functionalized Halloysite Nanotubes Decorated With Silver Nanoparticles for Enzyme Immobilization and Biosensing. [Journal of Materials Chemistry B](#), 4(15), 2553-2560.
- 52 Carrillo, L., Escobar, J. A., Clempner, J. B. & Poznyak, A. S. (2016). Optimization Problems in Chemical Reactions Using Continuous-Time Markov Chains. [Journal of Mathematical Chemistry](#), 54(6), 1233-1254.
- 53 Perez, H., Kielanowski, P. & Juarez, S. R. (2016). Rephasing Invariants of the Cabibbo-Kobayashi-Maskawa Matrix. [Journal of Mathematical Physics](#), 57(3), 032302.
- 54 Noriega-Medrano, L. J., Vega-Estrada, J., Ortega-Lopez, J., Ruiz-Medrano, R., Cristiani-Urbina, E. & Montes-Horcasitas, M. C. (2016). Alternative non-chromatographic method for alcohols determination in Clostridium acetobutylicum fermentations. [Journal of Microbiological Methods](#), 126, 48-53.
- 55 Mendez-Lopez, A., Morales-Acevedo, A., Acosta-Silva, Y. J. & Ortega-Lopez, M. (2016). Synthesis and Characterization of Colloidal Cts Nanocrystals by a Hot-Injection Method. [Journal of Nanomaterials](#), 2016, 7486094.
- 56 Castelan-Martinez, O. D., Rodriguez-Islas, F., Vargas-Neri, J. L., Palomo-Colli, M. A., Lopez-Aguilar, E., Clark, P., Castaneda-Hernandez, G. & Rivas-Ruiz, R. (2016). Risk Factors for Febrile Neutropenia in Children With Solid Tumors Treated With Cisplatin-Based Chemotherapy. [Journal of Pediatric Hematology Oncology](#), 38(3), 191-196.

57 Jin, Y. Y., Tian, Y. H., Kuang, X. Y., Lu, C., Cabellos, J. L., Mondal, S. & Merino, G. (2016). Structural and Electronic Properties of Ruthenium-Doped Germanium Clusters. [Journal of Physical Chemistry C](#), 120(15), 8399-8404.

58 Fernandez, D. J. & Morales-Salgado, V. S. (2016). Susy Partners of the Truncated Oscillator, Painleve Transcendents and Backlund Transformations. [Journal of Physics a-Mathematical and Theoretical](#), 49(19), 195202.

59 Sanchez-Alarcon, R. I., Oropeza-Rosario, G., Gutierrez-Villalobos, A. et al. (2016). Ultrasonic Spray-Pyrolyzed CuCr<sub>2</sub> Thin Films. [Journal of Physics D-Applied Physics](#), 49(17), 175102.

60 Cruz, R. A. S., Almeida, H., Fernandes, C. P., Joseph-Nathan, P., Rocha, L. & Leitao, G. G. (2016). A New Tropane Alkaloid From the Leaves of Erythroxylum Subsessile Isolated by Ph-Zone-Refining Counter-Current Chromatography. [Journal of Separation Science](#), 39(7), 1273-1277.

61 Ghommam, J., Luque-Vega, L. F., Castillo-Toledo, B. & Saad, M. (2016). Three-Dimensional Distributed Tracking Control for Multiple Quadrotor Helicopters. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 353(10), 2344-2372.

62 Lugo, J. M. & Oliva, A. I. (2016). Thermal Properties of Metallic Films at Room Conditions by the Heating Slope. [Journal of Thermophysics and Heat Transfer](#), 30(2), 452-460.

63 Climaco-Arvizu, S., Dominguez-Acosta, O., Cabanas-Cortes, M. A., Rodriguez-Sosa, M., Gonzalez, F. J., Vega, L. & Elizondo, G. (2016). Aryl Hydrocarbon Receptor Influences Nitric Oxide and Arginine Production and Alters M1/M2 Macrophage Polarization. [Life Sciences](#), 155, 76-84.

64 Deciga-Campos, M., Navarrete-Vazquez, G., Lopez-Munoz, F. J., Librowski, T., Sanchez-Recillas, A., Yanez-Perez, V. & Ortiz-Andrade, R. (2016). Pharmacological Profile of N-(2,6-Dichlorophenyl)-2-(4-Methyl-1-Piperidinyl)Acetamide, a Novel Analogue of Lidocaine. [Life Sciences](#), 155, 48-55.

65 Pablo-Rodriguez, N., Auñoles-Gamboa, D. & Montero-Munoz, J. L. (2016). Niche Overlap and Habitat Use at Distinct Temporal Scales Among the California Sea Lions (*Zalophus Californianus*) and Guadalupe Fur Seals (*Arctocephalus philippii townsendi*). [Marine Mammal Science](#), 32(2), 466-489.

66 Quinones-Galvan, J. G., Lozada-Morales, R., Jimenez-Sandoval, S., Camps, E., Castrejon-Sanchez, V. H., Campos-Gonzalez, E., Zapata-Torres, M., Perez-Centeno, A. & Santana-Aranda, M. A. (2016). Physical Properties of a Non-Transparent Cadmium Oxide Thick Film Deposited at Low Fluence by Pulsed Laser Deposition. [Materials Research Bulletin](#), 76, 376-383.

67 Duchanoy, C. A., Moreno-Armendariz, M. A. & Cruz-Villar, C. A. (2016). Optimal Redesign of a Shock Absorber Using Physical Variables and the Full Dynamics of the Suspension System. [Mechanics Based Design of Structures and Machines](#), 44(1-2), 32-42.

68 De Marco, R., Tolomelli, A., Juaristi, E. & Gentilucci, L. (2016). Integrin Ligands With Alpha/ Beta-Hybrid Peptide Structure: Design, Bioactivity, and Conformational Aspects. [Medicinal Research Reviews](#), 36(3), 389-424.

69 Castro-Cedeno, E. I., Herrera-Trejo, M., Castro-Roman, M., Castro-Uresti, F. & Lopez-Cornejo, M. (2016). Evaluation of Steel Cleanliness in a Steel Deoxidized Using Al. [Metallurgical and Materials Transactions B-Process Metallurgy and Materials Processing Science](#), 47(3), 1613-1625.

70 Longoria-Gandara, O., Parra-Michel, R., Carrasco-Alvarez, R. & Romero-Aguirre, E. (2016). Iterative Mimo Detection and Channel Estimation Using Joint Superimposed and Pilot-Aided Training. [Mobile Information Systems](#), 2016, 3723862.

71 Zuniga-Gutierrez, B. & Koster, A. M. (2016). Analytical Gga Exchange-Correlation Kernel Calculation in Auxiliary Density Functional Theory. [Molecular Physics](#), 114(7-8), 1026-1035.

72 Cruz-Martinez, H., Ortiz-Balderas, C. N., Solorza-Feria, O. & Calaminici, P. (2016). Assessment of Bomd Simulations for the Ground-State Structure Determination of Transition Metal Clusters in the Nanometer Scale. [Molecular Physics](#), 114(7-8), 1019-1025.

73 Vivar, C., Peterson, B. D. & Van Praag, H. (2016). Running Rewires the Neuronal Network of Adult-Born Dentate Granule Cells. [Neuroimage](#), 131, 29-41.

74 Miranda, O. G. & Valle, J. W. F. (2016). Neutrino Oscillations and the Seesaw Origin of Neutrino Mass. [Nuclear Physics B](#), 908, 436-455.

75 Fernandez, N. R., Castelan, M. M., Pozos, S. G. et al. (2016). A New Type of Quinoxalinone Derivatives Affects Viability, Invasion, and Intracellular Growth of Toxoplasma Gondii Tachyzoites in Vitro. [Parasitology Research](#), 115(5), 2081-2096.

76 Mondal, S., Cabellos, J. L., Pan, S., Osorio, E., Torres-Vega, J. J., Tiznado, W., Restrepo, A. & Merino, G. (2016). 10-Pi-Electron Arenes a La Carte: Structure and Bonding of the [E-(C<sub>n</sub>h<sub>n</sub>)-E](N-6) (E = Ca, Sr, Ba; N=6-8) Complexes. [Physical Chemistry Chemical Physics](#), 18(17), 11909-11918.

77 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the Ratio B(B-S(0) -> J/Psi F(0)(980))/B(B-S(0) -> J/Psi Phi(1020)) in Pp Collisions at Root S=7 Tev. [Physics Letters B](#), 756, 84-102.

78 Nahampun, H. N., Lopez-Arredondo, D., Xu, X., Herrera-Estrella, L. & Wang, K. (2016). Assessment of Pt<sub>xd</sub> Gene as an Alternative Selectable Marker for Agrobacterium-Mediated Maize Transformation. [Plant Cell Reports](#), 35(5), 1121-1132.

79 Toscano-Morales, R., Xoconostle-Cazares, B., Martinez-Navarro, A. C. & Ruiz-Medrano, R. (2016). AtTCP2 mRNA and protein movement correlates with formation of adventitious roots in tobacco. [Plant Signaling & Behavior](#), 11(3), e1071003.

80 Frixione, E., Ruiz-Zamarripa, L. & Hernandez, G. (2016). Assessing Individual Intellectual Output in Scientific Research: Mexico's National System for Evaluating Scholars Performance in the Humanities and the Behavioral Sciences. [Plos One](#), 11(5), e0155732.

81 Vizuet-De-Rueda, J. C., Florencio-Martinez, L. E., Padilla-Mejia, N. E., Manning-Cela, R., Hernandez-Rivas, R. & Martinez-Calvillo, S. (2016). Ribosomal Rna Genes in the Protozoan Parasite Leishmania Major Possess a Nucleosomal Structure. [Protist](#), 167(2), 121-135.

- 82 Ramirez-Cano, J. A. & Veleva, L. (2016). Direct Measurement of the Adsorption Kinetics of 2-Mercaptobenzothiazole on a Microcrystalline Copper Surface. [Revista De Metalurgia](#), 52(1), e064.
- 83 Martinez-Perales, L. G., Flores-Valdes, A., Salinas-Rodriguez, A., Ochoa-Palacios, R. M., Toscano-Giles, J. A. & Torres-Torres, J. (2016). Formation of Abrasion-Resistant Coatings of the Alsifexmny Intermetallic Compound Type on the Aisi 304I Alloy. [Revista De Metalurgia](#), 52(1), e061.
- 84 Garcia-Aspeitia, M. A., Ortiz, C., Lopez-Dominguez, J. C., Hinojosa-Ruiz, S. & Reyes-Ibarra, M. J. (2016). Gravitational Collapse in Brane-Worlds Revisited. [Revista Mexicana De Fisica](#), 62(3), 199-205.
- 85 Delgado, R. M., Arambula-Villa, G., Luna-Barcenas, G., Flores-Casamayor, V., Veles-Medina, J. J., Azuara, E. & Salazar, R. (2016). Acrylamide Content in Tortilla Chips Prepared From Pigmented Maize Kernels. [Revista Mexicana De Ingenieria Quimica](#), 15(1), 69-78.
- 86 Oliva, A. I., Martin-Varguez, P. E., Gonzalez-Panzo, I. J. & Gonzalez-Chan, I. J. (2016). Role of the Species Distribution Diagram in the Thin Semiconductor Layers Deposition by Chemical Bath. [Revista Mexicana De Ingenieria Quimica](#), 15(1), 209-220.
- 87 De la Rocha, C., Perez-Mojica, J. E., Zenteno-De Leon, S. et al. (2016). Associations Between Whole Peripheral Blood Fatty Acids and Dna Methylation in Humans. [Scientific Reports](#), 6, 25867.
- 88 Velez-Delvalle, C., Marsch-Moreno, M., Castro-Munozledo, F., Galvan-Mendoza, I. J. & Kuri-Harcuch, W. (2016). Epithelial Cell Migration Requires the Interaction Between the Vimentin and Keratin Intermediate Filaments. [Scientific Reports](#), 6, 24389.
- 89 Bueno, D., Munoz, R. & Marty, J. L. (2016). Fluorescence Analyzer Based on Smartphone Camera and Wireless for Detection of Ochratoxin a. [Sensors and Actuators B-Chemical](#), 232, 462-468.
- 90 Ramirez-Aparicio, J., Sanchez-Martinez, A. & Ramirez -Bon, R. (2016). Photodecolorization of Rhodamine Under Sunlight Irradiation Driven by Chabazite. [Solar Energy](#), 129, 45-53.
- 91 Avila-Herrera, F., Paz, B. C., Cerdeira, A., Estrada, M. & Pavanello, M. A. (2016). Charge-Based Compact Analytical Model for Triple-Gate Junctionless Nanowire Transistors. [Solid-State Electronics](#), 122, 23-31.
- 92 Cabrera-German, D., Gomez-Sosa, G. & Herrera-Gomez, A. (2016). Accurate Peak Fitting and Subsequent Quantitative Composition Analysis of the Spectrum of Co 2p Obtained With Al K Radiation: I: Cobalt Spinel. [Surface and Interface Analysis](#), 48(5), 252-256.
- 93 Castanos, F. & Gromov, D. (2016). Passivity-based control of implicit port-Hamiltonian systems with holonomic constraints. [Systems & Control Letters](#), 94, 11-18.
- 94 Rivera-Tello, C. D., Broitman, E., Flores-Ruiz, F. J., Jimenez, O. & Flores, M. (2016). Mechanical properties and tribological behavior at micro and macro-scale of WC/WCN/W hierarchical multilayer coatings. [Tribology International](#), 101, 194-203.

**[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXLENDO EN OTRAS REVISTAS ESPECIALIZADAS  
(INCLUÍDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)**

95 Minjarez, B., Calderon-Gonzalez, K. G., Valero-Rustarazo, M. L., Herrera-Aguirre, M. E., Labra-Barrios, M. L., Rincon-Limas, D. E., Sanchez del Pino, M. M., Mena, R. & Luna-Arias, J. P. (2016). Data set of interactomes and metabolic pathways of proteins differentially expressed in brains with Alzheimer's disease. [Data in Brief](#), 7, 1707-1719.

**[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES**

9

96 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Comparison of the Z/Gamma\* + Jets to Gamma + Jets Cross Sections in Pp Collisions at Root S = 8 (Vol 10, 128, 2015). [Journal of High Energy Physics](#), (4), 010.

97 Dai, W. T., Adhikari, S., Garcia-Castro, A. C., Romero, A. H., Lee, H., Lee, J. W., Ryu, S., Eom, C. B. & Cen, C. (2016). Tailoring LaAlO<sub>3</sub>/SrTiO<sub>3</sub> Interface Metallicity by Oxygen Surface Adsorbates. [Nano Letters](#), 16(4), 2739-2743.

98 Hilario-Martinez, J. C., Zeferino-Diaz, R., Munoz-Hernandez, M. A., Hernandez-Linares, M. G., Cabellos, J. L., Merino, G., Sandoval-Ramirez, J., Jin, Z. D. & Fernandez-Herrera, M. A. (2016). Regioselective Spirostan E-Ring Opening for the Synthesis of Dihydropyran Steroidal Frameworks. [Organic Letters](#), 18(8), 1772-1775.

99 Merino, G. & Sola, M. (2016). Celebrating the 150th Anniversary of the Kekule Benzene Structure. [Physical Chemistry Chemical Physics](#), 18(17), 11587-11588.

100 Canas, B. C., Miranda, O. G., Parada, A., Tortola, M. & Valle, J. W. F. (2016). Updating Neutrino Magnetic Moment Constraints (Vol 753, Pg 191, 2016). [Physics Letters B](#), 757, 568.

101 Perez-Chi, A., Carrillo-Laguna, J., Aguilar-Figueroa, B. R., Ibanez-Cervantes, G., Lopez-Villegas, O. & Leon-Avila, G. (2016). Prevalence of Haematoloechus Pulcher Metacercariae (Digenea: Plagiorchioidea) in the Crayfish Cambarellus Montezumae in Salazar Lagoon, Estado De Mexico (Vol 86, Pg 730, 2015). [Revista Mexicana De Biodiversidad](#), 87(1), 276.

**ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS**

102 Carlos-Mancilla, M., Lopez-Mellado, E. & Siller, M. (2016). Wireless Sensor Networks Formation: Approaches and Techniques. [Journal of Sensors](#), 2016, 2081902.

# ARTÍCULOS DEL MES DE JUNIO DE 2016

## **[ARTÍCULOS A] – ARTÍCULOS PUBLICADOS EN EXLENDO EN REVISTAS INCLUIDAS EN JCR**

- 1 Nava-Cruz, N. Y., Contreras-Esquivel, J. C., Aguilar-Gonzalez, M. A., Nuncio, A., Rodriguez-Herrera, R. & Aguilar, C. N. (2016). Agave Atrovirens Fibers as Substrate and Support for Solid-State Fermentation for Cellulase Production by *Trichoderma Asperellum*. [3 Biotech](#), 6, 115.
- 2 Segura, C., Coello, C. A. C., Miranda, G. & Leon, C. (2016). Using Multi-Objective Evolutionary Algorithms for Single-Objective Constrained and Unconstrained Optimization. [Annals of Operations Research](#), 240(1), 217-250.
- 3 De la Calleja, E. M., Cervantes, F. & De la Calleja, J. (2016). Order-fractal transitions in abstract paintings. [Annals of Physics](#), 371, 313-322.
- 4 Horemans, B., Bers, K., Romero, E. R., Juan, E. P., Dunon, V., De Mot, R. & Springael, D. (2016). Functional Redundancy of Linuron Degradation in Microbial Communities in Agricultural Soil and Biopurification Systems. [Applied and Environmental Microbiology](#), 82(9), 2843-2853.
- 5 Sigalotti, L. d. G., Klapp, J., Rendon, O., Vargas, C. A. & Pena-Polo, F. (2016). On the kernel and particle consistency in smoothed particle hydrodynamics. [Applied Numerical Mathematics](#), 108, 242-255.
- 6 Fragoso, C., Leyequien, E., Garcia-Robles, M., Montero-Munoz, J. & Rojas, P. (2016). Dominance of native earthworms in secondary tropical forests derived from slash-and-burn Mayan agricultural practices (Yucatan, Mexico). [Applied Soil Ecology](#), 104, 116-124.
- 7 Singh, B., Diwan, A., Jain, V., Herrera-Gomez, A., Terry, J. & Linford, M. R. (2016). Uniqueness plots: A simple graphical tool for identifying poor peak fits in X-ray photoelectron spectroscopy. [Applied Surface Science](#), 387, 155-162.
- 8 Salazar-Cantu, A., Perez-Trevino, P., Montalvo-Parra, D., Balderas-Villalobos, J., Gomez-Vaquez, N. L., Garcia, N. & Altamirano, J. (2016). Role of SERCA and the sarcoplasmic reticulum calcium content on calcium waves propagation in rat ventricular myocytes. [Archives of Biochemistry and Biophysics](#), 604, 11-19.
- 9 Ovando-Vazquez, C., Lepe-Soltero, D. & Abreu-Goodger, C. (2016). Improving Microrna Target Prediction With Gene Expression Profiles. [Bmc Genomics](#), 17(1), 364.
- 10 Cetz-Chel, J. E., Balcazar-Lopez, E., Esquivel-Naranjo, E. U. & Herrera-Estrella, A. (2016). The Trichoderma Atroviride Putative Transcription Factor Blu7 Controls Light Responsiveness and Tolerance. [Bmc Genomics](#), 17(1), 327.
- 11 Franco, L. M., Beltran, J. Q., Tapia, J. A., Ortiz, F., Manjarrez, E. & Gutierrez, R. (2016). Differential Frequency-Dependent Antidromic Resonance of the Schaffer Collaterals and Mossy Fibers. [Brain Structure & Function](#), 221(4), 1793-1807.

- 12 Lopez, L. A. & Matias, A. E. (2016). Thermodynamic Stability of a Regular Black Hole in Nonlinear Electrodynamics. [Canadian Journal of Physics](#), 94(4), 425-430.
- 13 Ochoa, R., Flores, A., Torres, J., Guia, J. & Muniz, R. (2016). Kinetic Study on the Metallothermic Reduction of Chromite Ore Using Magnesium Scrap. [Canadian Metallurgical Quarterly](#), 55(2), 210-220.
- 14 Gomez-Suarez, M., Gutierrez-Martinez, I. Z., Hernandez-Trejo, J. A. et al. (2016). 14-3-3 Proteins Regulate Akt Thr308 Phosphorylation in Intestinal Epithelial Cells. [Cell Death and Differentiation](#), 23(6), 1060-1072.
- 15 Sanchez, J., Cortes-Hernandez, D. A., Escobedo-Bocardo, J. C., Almanza-Robles, J. M., Reyes-Rodriguez, P. Y., Jasso-Teran, R. A., Bartolo-Perez, P. & De-Leon-Prado, L. E. (2016). Sol-gel synthesis of  $Mn_xGa_{1-x}Fe_2O_4$  nanoparticles as candidates for hyperthermia treatment. [Ceramics International](#), 42(12), 13755-13760.
- 16 Pineda-Leon, H. A., Gutierrez-Heredia, G., De Leon, A., Ochoa-Landin, R., Ramirez-Bon, R., Flores-Acosta, M. & Castillo, S. J. (2016). Comparative Study of Pbs Thin Films Growth by Two Different Formulations Using Chemical Bath Deposition. [Chalcogenide Letters](#), 13(4), 161-168.
- 17 Cortez-Valadez, M., Fierro, C., Farias-Mancilla, J. R., Vargas-Ortiz, A., Flores-Acosta, M., Ramirez-Bon, R., Enriquez-Carrejo, J. L., Soubervielle-Montalvo, C. & Mani-Gonzalez, P. G. (2016). Comparison of  $HfCl_4$ ,  $HfI_4$ , Tema-Hf, and Tdma-Hf as Precursors in Early Growing Stages of  $HfO_2$  Films Deposited by Ald: a Dft Study. [Chemical Physics](#), 472, 81-88.
- 18 Pacheco-Kato, J. C., Del Campo, J. M., Gazquez, J. L., Trickey, S. B. & Vela, A. (2016). A Pw91-Like Exchange With a Simple Analytical Form. [Chemical Physics Letters](#), 651, 268-273.
- 19 Bach, P., Valencia-Jaime, I., Rutt, U., Gutowski, O., Romero, A. H. & Renner, F. U. (2016). Electrochemical Lithiation Cycles of Gold Anodes Observed by in Situ High-Energy X-Ray Diffraction. [Chemistry of Materials](#), 28(9), 2941-2948.
- 20 Brown, P. R. & Porter, R. M. (2016). Numerical Conformal Mapping to One-Tooth Gear-Shaped Domains and Applications. [Computational Methods and Function Theory](#), 16(2), 319-345.
- 21 Rudolph, G., Schutze, O., Grimme, C., Dominguez-Medina, C. & Trautmann, H. (2016). Optimal Averaged Hausdorff Archives for Bi-Objective Problems: Theoretical and Numerical Results. [Computational Optimization and Applications](#), 64(2), 589-618.
- 22 Porter, R. M. & Shimauchi, H. (2016). Numerical Solution of the Beltrami Equation Via a Purely Linear System. [Constructive Approximation](#), 43(3), 371-407.
- 23 Rovito, S. M. & Parra-Olea, G. (2016). Neotropical Plethodontid Biogeography: Insights From Molecular Phylogenetics. [Copeia](#), 104(1), 222-232.

- 24 Ruiz-Preciado, M. A., Bulou, A., Makowska-Janusik, M., Gibaud, A., Morales-Acevedo, A. & Kassiba, A. (2016). Nickel Titanate (Nitio3) Thin Films: Rf-Sputtering Synthesis and Investigation of Related Features for Photocatalysis. [Crystengcomm](#), 18(18), 3229-3236.
- 25 Ruelas-Santoyo, E. A., Vazquez-Lopez, J. A., Yanez-Mendiola, J., Lopez-Juarez, I. & Bravo-Barrera, C. F. (2016). Neuronal-Fuzzy System Applied to Recognize and Assessing of Damage in Carbon Steel Supported by Descriptive Statistics. [Dyna](#), 91(3), 301-308.
- 26 Blanco-Munoz, J., Lacasana, M., Lopez-Flores, I., Rodriguez-Barranco, M., Gonzalez-Alzaga, B., Bassol, S., Cebrian, M. E., Lopez-Carrillo, L. & Aguilar-Garduno, C. (2016). Association between organochlorine pesticide exposure and thyroid hormones in floriculture workers. [Environmental Research](#), 150, 357-363.
- 27 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Massive Wh Resonances Decaying Into the L Nu B(B)Over-Bar Final State at Root S=8 Tev. [European Physical Journal C](#), 76(5), 237.
- 28 Diaz-Bautista, E. & Cabrera, D. J. F. (2016). Nonlinear Supercoherent States and Geometric Phases for the Supersymmetric Harmonic Oscillator. [European Physical Journal Plus](#), 131(5).
- 29 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Particle Identification in Alice: a Bayesian Approach. [European Physical Journal Plus](#), 131(5), 168.
- 30 Torres-Vega, G. (2016). Universal Raising and Lowering Operators for a Discrete Energy Spectrum. [Foundations of Physics](#), 46(6), 689-701.
- 31 Martinez-Aguilar, K., Ramirez-Carrasco, G., Hernandez-Chavez, J. L., Barraza, A. & Alvarez-Venegas, R. (2016). Use of Baba and Ina as Activators of a Primed State in the Common Bean (*Phaseolus Vulgaris* L.). [Frontiers in Plant Science](#), 7, 653.
- 32 Czimmerer, Z., Varga, T., Kiss, M. et al. (2016). The IL-4/Stat6 Signaling Axis Establishes a Conserved MicroRNA Signature in Human and Mouse Macrophages Regulating Cell Survival Via Mir-342-3p. [Genome Medicine](#), 8, 63.
- 33 Rodriguez, A. E., Torres, J., Perez, J. R., Dominguez, A. R., Luna, R. & Flores, G. (2016). Robust State Estimation in Presence of Parametric Uncertainty by NI-Pi Observers. An Application to Continuous Microbial Cultures. [Ieee Latin America Transactions](#), 14(3), 1199-1205.
- 34 Garcia-Sanchez, J. L., Moreno, P., Gutierrez-Robles, J. A., Loo-Yau, J. R., Sotelo, J., Banuelos, E. S. & Galvan, V. A. (2016). Aerial Line Model for Power System Electromagnetic Transients Simulation. [Iet Generation Transmission & Distribution](#), 10(7), 1597-1604.
- 35 Castellanos-Arevalo, A. P., Camarena-Pozos, D. A., Castellanos-Arevalo, D. C., Rangel-Cordova, A. A., Pena-Cabriales, J. J., Arevalo-Rivas, B., De Pena, D. G. & Maldonado-Vega, M. (2016). Microbial Contamination in the Indoor Environment of Tanneries in Leon, Mexico. [Indoor and Built Environment](#), 25(3), 524-540.

- 36 De la Rosa, E. & Yu, W. (2016). Randomized algorithms for nonlinear system identification with deep learning modification. [Information Sciences](#), 364-365, 197-212.
- 37 Delfin, J., Becerra, H. M. & Arechavaleta, G. (2016). Visual Servo Walking Control for Humanoids With Finite-Time Convergence and Smooth Robot Velocities. [International Journal of Control](#), 89(7), 1342-1358.
- 38 Lua, C. A., Castillo-Toledo, B., Cespi, R. & Di Gennaro, S. (2016). Nonlinear Observer-Based Active Control of Ground Vehicles With Non Negligible Roll Dynamics. [International Journal of Control Automation and Systems](#), 14(3), 743-752.
- 39 Dominguez, R. D., Alarcon-Flores, G., Aguilar-Frutis, M., Sanchez-Alarcon, R. I., Falcony, C., Dorantes-Rosales, H. J., Gonzalez-Velazquez, J. L. & Rivas-Lopez, D. I. (2016). Effect on the stabilization of the anatase phase and luminescent properties of samarium-doped TiO<sub>2</sub> nanocrystals prepared by microwave irradiation. [Journal of Alloys and Compounds](#), 687, 121-129.
- 40 Torres-Cruz, F. M., Rodriguez-Cruz, F., Escobar-Herrera, J., Barragan-Andrade, N., Basurto-Islas, G., Ripova, D., Avila, J. & Garcia-Sierra, F. (2016). Expression of Tau Produces Aberrant Plasma Membrane Blebbing in Glial Cells Through Rhoa-Rock-Dependent F-Actin Remodeling. [Journal of Alzheimers Disease](#), 52(2), 463-482.
- 41 Ruiz-Martinez, G., Marino-Tapia, I., Baldwin, E. G. M., Casarin, R. S. & Ortiz, C. E. E. (2016). Identifying Coastal Defence Schemes Through Morphodynamic Numerical Simulations Along the Northern Coast of Yucatan, Mexico. [Journal of Coastal Research](#), 32(3), 651-669.
- 42 Reyes-Mendoza, O., Marino-Tapia, I., Herrera-Silveira, J., Ruiz-Martinez, G., Enriquez, C. & Largier, J. L. (2016). The Effects of Wind on Upwelling Off Cabo Catoche. [Journal of Coastal Research](#), 32(3), 638-650.
- 43 Calla-Choque, D., Nava-Alonso, F. & Fuentes-Aceituno, J. C. (2016). Acid decomposition and thiourea leaching of silver from hazardous jarosite residues: Effect of some cations on the stability of the thiourea system. [Journal of Hazardous Materials](#), 317, 440-448.
- 44 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Correlations Between Jets and Charged Particles in Pbpb and Pp Collisions at Root S(Nn)=2.76 Tev. [Journal of High Energy Physics](#), (2), 156.
- 45 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for a Massive Resonance Decaying Into a Higgs Boson and a W or Z Boson in Hadronic Final States in Proton-Proton Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (2), 145.
- 46 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for W' → Tb in Proton-Proton Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (2), 122.
- 47 Mondragon-Solorzano, G., Sierra-Alvarez, R., Lopez-Honorato, E. & Barroso-Flores, J. (2016). In Silico Design of Calixarene-Based Arsenic Acid Removal Agents. [Journal of Inclusion Phenomena and Macrocyclic Chemistry](#), 85(1-2), 169-174.

48 Escalante, R., Pourjafari, D., Reyes-Coronado, D. & Oskam, G. (2016). Dye-Sensitized Solar Cell Scale-up: Influence of Substrate Resistance. [Journal of Renewable and Sustainable Energy](#), 8(2), 023704.

49 Hernandez-Garcia, Y. I., Chamizo, J. A., Kleiche-Dray, M. & Russell, J. M. (2016). The Scientific Impact of Mexican Steroid Research 1935-1965: a Bibliometric and Historiographic Analysis. [Journal of the Association for Information Science and Technology](#), 67(5), 1245-1256.

50 Espinoza-Figueroa, J. A., Mendez-Garcia, V. H., Vidal, M. A., Cruz-Hernandez, E., Lopez-Lopez, M. & Gallardo-Hernandez, S. (2016). Effects of Growth Temperature on the Incorporation of Nitrogen in Ganas Layers. [Journal of Vacuum Science & Technology B](#), 34(2), 02L111.

51 Trejo, K. K., Clempner, J. B. & Poznyak, A. S. (2016). An Optimal Strong Equilibrium Solution for Cooperative Multi-Leader-Follower Stackelberg Markov Chains Games. [Kybernetika](#), 52(2), 258-279.

52 Torres-Munoz, J. A., Gutierrez, I. & Dominguez-Bocanegra, A. R. (2016). Optimal Control From Inoculation on a Continuous Microalgae Culture. [Kybernetika](#), 52(2), 224-240.

53 Gomez- Acata, E. S., Valencia-Becerril, I., Valenzuela-Encinas, C. et al. (2016). Deforestation and cultivation with maize (*Zea mays L.*) has a profound effect on the bacterial community structure in soil. [Land Degradation & Development](#), 27, 1122-1130.

54 Flores-Sierra, J., Arredondo-Guerrero, M., Cervantes-Paz, B. et al. (2016). The Trans Fatty Acid Elaidate Affects the Global Dna Methylation Profile of Cultured Cells and in Vivo. [Lipids in Health and Disease](#), 15, 75.

55 Hernandez-Rodriguez, F. & Castelan, M. (2016). A Photometric Sampling Method for Facial Shape Recovery. [Machine Vision and Applications](#), 27(4), 483-497.

56 Vigil-Galan, O., Pulgarin, F. A., Cruz-Gandarilla, F., Courel, M., Villarreal-Ruiz, G., Sanchez, Y., Jimenez-Olarte, D. & Saucedo, E. (2016). Optimization of Cbd-Cds Physical Properties for Solar Cell Applications Considering a Mis Structure. [Materials & Design](#), 99, 254-261.

57 Cruz-Gandarilla, F., Salcedo-Garrido, A. M., Bolmaro, R. E., Baudin, T., De Vincentis, N. S., Avalos, M., Cabanas-Moreno, J. G. & Mendoza-Leon, H. (2016). Microstructural evolution and mechanical properties on an ARB processed IF steel studied by X-ray diffraction and EBSD. [Materials Characterization](#), 118, 332-339.

58 Orozco-Gonzalez, P., Castro-Roman, M., Muniz-Valdez, R., Luna-Alvarez, S., Equihua-Guillen, F., Hernandez-Rodriguez, A., Baltazar-Hernandez, V. H. & Alvarado-Hernandez, F. (2016). Formation and crystal structure of the - $\delta$  phase in the Al-Fe-Mn-Si system. [Materials Letters](#), 180, 277-279.

59 Jayaraman, V. K., Maldonado-Alvarez, A., Jimenez-Gonzalez, A. E. & Olvera-Amador, M. L. (2016). Influence of precursor ball milling in enhancing the structural, morphological, optical and electrical properties of AlZO thin films. [Materials Letters](#), 181, 52-55.

- 60 Dominguez-Calderon, A., Avila-Flores, A., Ponce, A. et al. (2016). Zo-2 Silencing Induces Renal Hypertrophy Through a Cell Cycle Mechanism and the Activation of Yap and the Mtor Pathway. *Molecular Biology of the Cell*, 27(10), 1581-1595.
- 61 Mourino-Perez, R. R., Riquelme, M., Callejas-Negrete, O. A. & Galvan-Mendoza, J. I. (2016). Microtubules and Associated Molecular Motors in Neurospora Crassa. *Mycologia*, 108(3), 515-527.
- 62 Villalobos-Escobedo, J. M., Herrera-Estrella, A. & Carreras-Villasenor, N. (2016). The Interaction of Fungi With the Environment Orchestrated by Rnai. *Mycologia*, 108(3), 556-571.
- 63 Aquino-Miranda, G., Escamilla-Sanchez, J., Gonzalez-Pantoja, R., Bueno-Nava, A. & Arias-Montano, J. A. (2016). Histamine H3 receptor activation inhibits dopamine synthesis but not release or uptake in rat nucleus accumbens: Histamine Receptors. *Neuropharmacology*, 106, 91-101.
- 64 Xochitiotzi-Flores, E., Jimenez-Sanchez, A., Garcia-Ortega, H., Sanchez-Puig, N., Romero-Avila, M., Santillan, R. & Farfan, N. (2016). Optical Properties of Two Fluorene Derived Bodipy Molecular Rotors as Fluorescent Ratiometric Viscosity Probes. *New Journal of Chemistry*, 40(5), 4500-4512.
- 65 Carmona, I. G. & Collado, J. (2016). Control of a Two Wired Hammerhead Tower Crane. *Nonlinear Dynamics*, 84(4), 2137-2148.
- 66 Medina-Aguilar, R., Marchat, L. A., Ocampo, E. A., Gariglio, P., Mena, J. G., Sepulveda, N. V., Castillo, M. M. & Lopez-Camarillo, C. (2016). Resveratrol Inhibits Cell Cycle Progression by Targeting Aurora Kinase a and Polo-Like Kinase 1 in Breast Cancer Cells. *Oncology Reports*, 35(6), 3696-3704.
- 67 Horley, P., Vorobiev, Y. V., Makhniy, V. P. & Sklyarchuk, V. M. (2016). Optoelectronic properties of Ni-GaP diodes with a modified surface. *Physica E: Low-Dimensional Systems and Nanostructures*, 83, 227-231.
- 68 Bermudez, D. & Leonhardt, U. (2016). Hawking Spectrum for a Fiber-Optical Analog of the Event Horizon. *Physical Review a*, 93(5), 053820.
- 69 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Multipion Bose-Einstein Correlations in Pp, P-Pb, and Pb-Pb Collisions at Energies Available at the Cern Large Hadron Collider. *Physical Review C*, 93(5), 054908.
- 70 Manko, V. S. & Ruiz, E. (2016). Exterior Field of Slowly and Rapidly Rotating Neutron Stars: Rehabilitating Spacetime Metrics Involving Hyperextreme Objects. *Physical Review D*, 93(10), 104051.
- 71 Lami, A., Portoles, J. & Roig, P. (2016). Lepton Flavor Violation in Hadronic Decays of the Tau Lepton in the Simplest Little Higgs Model. *Physical Review D*, 93(7), 076008.
- 72 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2016). Measurement of the Forward-Backward Asymmetries in the Production of Xi and Omega Baryons in P(P)Over-Bar Collisions. *Physical Review D*, 93(11), 112001.

73 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the Top Quark Mass Using Charged Particles in Pp Collisions at Root S=8 Tev. [Physical Review D](#), 93(9), 092006.

74 Celada, M., Gonzalez, D. & Montesinos, M. (2016). Plebanski-Like Action for General Relativity and Anti-Self-Dual Gravity. [Physical Review D](#), 93(10), 104058.

75 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Supersymmetry in Pp Collisions at Root S=8 Tev in Final States With Boosted W Bosons and B Jets Using Razor Variables. [Physical Review D](#), 93(9), 092009.

76 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at Root(Nn)-N-S=5.02 Tev. [Physical Review Letters](#), 116(22), 222302.

77 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Measurement of an Excess in the Yield of J/Psi at Very Low P(T) in Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Physical Review Letters](#), 116(22), 222301.

78 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of Long-Range Near-Side Two-Particle Angular Correlations in Pp Collisions at Root S=13 Tev. [Physical Review Letters](#), 116(17), 172302.

79 Molina-Valdovinos, S. & Gurevich, Y. G. (2016). Nonlinear Charge Transport in Bipolar Semiconductors Due to Electron Heating. [Physics Letters a](#), 380(24), 2021-2024.

80 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Inclusive and Differential Measurements of the T(T)Over-Bar Charge Asymmetry in Pp Collisions at Root S=8 Tev. [Physics Letters B](#), 757, 154-179.

81 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2016). Measurement of Spin Correlation Between Top and Antitop Quarks Produced in P(P)Over-Bar Collisions at Root S=1.96 Tev. [Physics Letters B](#), 757, 199-206.

82 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the Cp-Violating Weak Phase Phi(S) and the Decay Width Difference Delta Gamma(S) Using the B-S(0) -> J/Psi Phi (1020) Decay Channel in Pp Collisions at Root S=8 Tev. [Physics Letters B](#), 757, 97-120.

83 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for New Phenomena in Monophoton Final States in Proton-Proton Collisions at Root S=8 Tev. [Physics Letters B](#), 755, 102-124.

84 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Supersymmetry in Events With a Photon, a Lepton, and Missing Transverse Momentum in Pp Collisions at Root S=8 Tev. [Physics Letters B](#), 757, 6-31.

85 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for W' Decaying to Tau Lepton and Neutrino in Proton-Proton Collisions at Root S=8 Tev. [Physics Letters B](#), 755, 196-216.

86 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Searches for a Heavy Scalar Boson H Decaying to a Pair of 125 GeV Higgs Bosons Hh or for a Heavy Pseudoscalar Boson a Decaying to Z<sub>h</sub>, in the Final States With H → Tau Tau. [Physics Letters B](#), 755, 217-244.

87 Guzman-Lopez, J. A., Abraham-Juarez, M. J., Lozano-Sotomayor, P., De Folter, S. & Simpson, J. (2016). Arabidopsis Thaliana Gonidialess a/Zuotin Related Factors (Glsa/Zrf) Are Essential for Maintenance of Meristem Integrity. [Plant Molecular Biology](#), 91(1-2), 37-51.

88 Rodriguez-Linan, G. M., Nahmad-Molinari, Y. & Perez-Angel, G. (2016). Clustering-Induced Attraction in Granular Mixtures of Rods and Spheres. [Plos One](#), 11(5), e0156153.

89 Merino-Jimenez, C., Aragon, J., Ceja, V., Rodriguez-Martinez, G., Cazares-Raga, F. E., Chardonnet, S., Pionneau, D., Rendon, A. & Montanez, C. (2016). Dp71 Delta(78-79) Dystrophin Mutant Stimulates Neurite Outgrowth in PC12 Cells Via Upregulation and Phosphorylation of Hspb1. [Proteomics](#), 16(9), 1331-1340.

90 Garrido, R. & Diaz, A. (2016). Cascade closed-loop control of solar trackers applied to HCPV systems. [Renewable Energy](#), 97, 689-696.

91 Matadamas-Martinez, F., Castillo, R., Hernandez-Campos, A., Mendez-Cuesta, C., De Souza, W., Gadelha, A. P., Nogueda-Torres, B., Hernandez, J. M. & Yepez-Mulia, L. (2016). Proteomic and Ultrastructural Analysis of the Effect of a New Nitazoxanide-N-Methyl-1h-Benzimidazole Hybrid Against Giardia Intestinalis. [Research in Veterinary Science](#), 105, 171-179.

92 Gonzalez-Garza, B. I., Sanchez-Teyer, L. F. & Zapata-Perez, O. (2016). Sea Turtle Hatchling Carapace as a Source of High Quantity and Quality DNA. [Revista De Biología Marina Y Oceanografía](#), 51(1), 217-222.

93 Lizama-Tzec, F. I., Garcia-Rodriguez, R., Rodriguez-Gattorno, G. et al. (2016). Influence of Morphology on the Performance of ZnO-Based Dye-Sensitized Solar Cells. [Rsc Advances](#), 6(44), 37424-37433.

94 Pena-Martinez, R., Munoz-Viveros, A. L., Bujanos-Muniz, R., Luevano-Borroel, J., Tamayo-Mejia, F. & Cortez-Mondaca, E. (2016). Sexual Forms of Sorghum Aphid Complex Melanaphis Sacchari/Sorghii in Mexico. [Southwestern Entomologist](#), 41(1), 127-131.

95 Galvan-Reyes, C., Fuentes-Aceituno, J. C. & Salinas-Rodriguez, A. (2016). The Role of Alkalizing Agent on the Manganese Phosphating of a High Strength Steel Part 1: the Individual Effect of NaOH and NH<sub>4</sub>OH. [Surface & Coatings Technology](#), 271, 179-188.

96 Medeiros, M., Valverde, S., Del Moral, I., Velasquez-Jones, L., Hernandez, A. M., Castaneda-Hernandez, G., Reyes, H. & Filler, G. (2016). Are Tacrolimus Pharmacokinetics Affected by Nephrotic Stage? [Therapeutic Drug Monitoring](#), 38(3), 288-292.

97 Carrasco-Torres, G., Fattel-Fazenda, S., Lopez-Alvarez, G. S., Garcia-Roman, R., Villa-Trevino, S. & Vasquez-Garzon, V. R. (2016). The Transmembrane Transporter ABCC3 Participates in Liver Cancer Progression and Is a Potential Biomarker. [Tumor Biology](#), 37(2), 2007-2014.

98 Geudtner, G., Calaminici, P. & Koster, A. M. (2016). First Principle Investigation of (Bi<sub>2</sub>O<sub>3</sub>)(N) Clusters With N=6-9. [Zeitschrift Fur Physikalische Chemie-International Journal of Research in Physical Chemistry & Chemical Physics](#), 230(5-7), 991-1003.

**[ARTÍCULOS\_B] – ARTÍCULOS PUBLICADOS EN EXTENO EN OTRAS REVISTAS ESPECIALIZADAS  
(INCLUÍDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)**

99 Lopez-Perez, P. A., Neria-Gonzalez, M. I., Perez-Garcia, M. R. & Aguilar-Lopez, R. (2016). Concentrations monitoring via software sensor for bioreactors under model parametric uncertainty: Application to cadmium removal in an anaerobic process. [Alexandria Engineering Journal](#), 55(2), 1893-1902.

100 Rellan-Alvarez, R., Lobet, G. & Dinneny, J. R. (2016). Environmental Control of Root System Biology. [Annual Review of Plant Biology](#), 67, 619-642.

101 Alfonso, B. G., De Montpellier, O. F. M. & Del Rincon, M. C. (2016). Teaching Models for Algorithms of Fraction's Division. [Avances De Investigacion En Educacion Matematica](#), (9), 43-63.

102 Becerra-Sagredo, J., Mandujano, F., Malaga, C., Klapp, J. & De Teresa, I. (2016). A Template for Scalable Continuum Dynamic Simulations in Multiple Gpus. [Communications in Computer and Information Science](#), 595, 473-484.

103 Cabello, U., Rodriguez, J. & Meneses-Viveros, A. (2016). An Open MpI Extension for Supporting Task Based Parallelism in Heterogeneous Cpu-Gpu Clusters. [Communications in Computer and Information Science](#), 595, 144-155.

104 Wang, J. C., Tepfenhart, B. & Li, X. O. (2016). Analysis of Minimum Workflow Resource Requirement. [Communications in Computer and Information Science](#), 602, 53-66.

105 Ramirez, M. & Collado, J. (2016). Calculation of the Stability Zones of Hill's Equation With a Gpu on Matlab. [Communications in Computer and Information Science](#), 595, 225-239.

106 Alvarado-Rodriguez, C. E., Klapp, J., Mayoral, E. & Dominguez, J. M. (2016). Gpu Simulations of Fluid and Composition Dispersion in a Porous Media With Smoothed Particle Hydrodynamics. [Communications in Computer and Information Science](#), 595, 485-494.

107 Weinstein, N., Pedroza-Rios, K. G., Nathal, E., Sigalotti, L. D., Gitler, I. & Klapp, J. (2016). Modeling the Blood Vessels of the Brain. [Communications in Computer and Information Science](#), 595, 535-554.

108 Areu-Rangel, O. S., Tolentino, D., Mendoza-Sanchez, I., Alvarado-Rodriguez, C. E., Klapp, J. & Bonasia, R. (2016). Numerical Simulations of a Dam Overflowing. Case Study: "La Esperanza" Dam in Hidalgo, Mexico. Implications for Risk Evaluation. [Communications in Computer and Information Science](#), 595, 285-295.

109 Zaragoza-Martinez, C. C. & Gutierrez, D. (2016). New Perspectives on the Use of Spatial Filters in Magnetoencephalographic Array Processing. [Computacion Y Sistemas](#), 20(1), 115-125.

110 Sagols, F., Morales-Luna, G. & Buitron-Damaso, I. (2016). Trajectory Graphs Appearing From the Skein Problems at the Hypercube. [Computacion Y Sistemas](#), 20(1), 81-87.

111 Cardenas-Guerra, R. E., Ortega-Lopez, J. & Arroyo, R. (2016). Aggregation kinetic dataset to determine the stability of the purified and refolded recombinant ppTvCP4 protein of Trichomonas vaginalis. [Data in Brief](#), 8, 320-323.

112 Perez-Campillo, Y. & Chamizo-Guerrero, J. A. (2016). Curricular teaching chemistry analysis in Mexico in pre-university levels. Part II: The high school education. [Educacion Quimica](#), 27(3), 182-194.

113 Rivera-Figueroa, A. & Rivera-Rebolledo, J. M. (2016). A New Method to Solve the Second-Order Linear Difference Equations With Constant Coefficients. [International Journal of Mathematical Education in Science and Technology](#), 47(4), 636-649.

114 Aguilar-Lopez, R., Gomez-Acata, R. V., Lara-Cisneros, G. & Femat, R. (2016). Nonlinear and Robust Control Strategy Based on Chemotherapy to Minimize the Hiv Concentration in Blood Plasma. [Journal of Control Science and Engineering](#), 2016, 6284574.

115 Guerrero-Ortiz, C., Mejia-Velasco, H. R. & Camacho-Machin, M. (2016). Representations of a Mathematical Model as a Means of Analysing Growth Phenomena. [Journal of Mathematical Behavior](#), 42, 109-126.

116 Espinoza-Rivas, A. M., Perez-Guzman, M. A., Ortega-Amaya, R., Santoyo-Salazar, J., Gutierrez-Lazos, C. D. & Ortega-Lopez, M. (2016). Synthesis and Magnetic Characterization of Graphite-Coated Iron Nanoparticles. [Journal of Nanotechnology](#), 2016, 6571643.

117 Vazquez-Victorio, G., Gonzalez-Espinosa, C., Espinosa-Riquer, Z. P. & Macias-Silva, M. (2016). Gpcrs and Actin-Cytoskeleton Dynamics. [Methods in Cell Biology](#), 132, 165-188.

118 Hernandez-Mondragon, A. C., Herrera-Estrella, L. & Kuri-Harcuch, W. (2016). Legislative environment and others factors that inhibit transfer of Mexican publicly funded research into commercial ventures. [Technology in Society](#), 46, 100-108.

#### **[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES**

119 Berliner, D., Phillips, D., Zeidner, M., De Corte, E., Shavelson, R., De Ibarrola, M. & Clark, R. (2016). Gavriel Salomon: in Memoriam. [Educational Psychology Review](#), 28(2), 207-213.

120 Matos, T., Urena-Lopez, L. A. & Miranda, G. (2016). Wormhole Cosmic Censorship. [General Relativity and Gravitation](#), 48(5), 61.

121 De Folter, S. (2016). Auxin Is Required for Valve Margin Patterning in Arabidopsis After All. [Molecular Plant](#), 9(6), 768-770.

122 Saleh, A., Al-Abdallat, A., Ndamukong, I., Alvarez-Venegas, R. & Avramova, Z. (2016). The Arabidopsis Homologs of Trithorax (Atx1) and Enhancer of Zeste (Clf) Establish 'bivalent Chromatin Marks' at the Silent Agamous Locus (Vol 35, Pg 6290, 2007). [Nucleic Acids Research](#), 44(7), 3475-3476.

123 Villanueva-Cab, J., Anta, J. A. & Oskam, G. (2016). The Effect of Recombination Under Short-Circuit Conditions on the Determination of Charge Transport Properties in Nanostructured Photoelectrodes (Vol 18, Pg 2303, 2016). [Physical Chemistry Chemical Physics](#), 18(20), 14139.

#### **[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS**

124 Villamarin-Gallegos, D., Oviedo-Pereira, D., Sepulveda-Jimenez, G., Evangelista-Lozano, S., Molina-Torres, J. & Rodriguez-Monroy, M. (2016). Micropropagation of Stevia Rebaudiana Bertoni in a Temporary Immersion Bioreactor; Phytochemicals Analysis of Plants. [In Vitro Cellular & Developmental Biology-Animal](#), 52, S57-S58.

#### **[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS**

125 Pineda, C., Hernandez, G. C., Jacobs, I. A., Alvarez, D. F. & Carini, C. (2016). Assessing the Immunogenicity of Biopharmaceuticals. [Biodrugs](#), 30(3), 195-206.

126 Romero-Arcos, M., Garnica-Romo, M. G., Martinez-Flores, H. E., Vazquez-Marrufo, G., Ramirez-Bon, R., Gonzalez-Hernandez, J. & Barbosa-Canovas, G. V. (2016). Enzyme Immobilization by Amperometric Biosensors With Tio2 Nanoparticles Used to Detect Phenol Compounds. [Food Engineering Reviews](#), 8(2), 235-250.

127 Yam-Puc, J. C., Cedillo-Barron, L., Aguilar-Medina, E. M., Ramos-Payan, R., Escobar-Gutierrez, A. & Flores-Romo, L. (2016). The Cellular Bases of Antibody Responses During Dengue Virus Infection. [Frontiers in Immunology](#), 7, 218.

128 Garcia-Cordero, J. L. & Maerkl, S. J. (2016). Mechanically Induced Trapping of Molecular Interactions and Its Applications. [Jala](#), 21(3), 356-367.

129 Davila-Velderrain, J., Martinez-Garcia, J. C. & Alvarez-Buylla, E. R. (2016). Dynamic Network Modelling to Understand Flowering Transition and Floral Patterning. [Journal of Experimental Botany](#), 67(9), 2565-2572.

## ARTÍCULOS DEL MES DE JULIO DE 2016

### **[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXLENDO EN REVISTAS INCLUIDAS EN JCR**

- 1 Mendez-Camacho, R., Mendez-Garcia, V. H., Lopez-Lopez, M. & Cruz-Hernandez, E. (2016). New Orientations in the Stereographic Triangle for Self-Assembled Faceting. [Aip Advances](#), 6(6), 065023.
- 2 Jimenez-Sanchez, A. & Santillan, R. (2016). A Photochromic-Acidochromic Hcl Fluorescent Probe. An Unexpected Chloride-Directed Recognition. [Analyst](#), 141(13), 4108-4120.
- 3 Prieto-Rumeau, T. & Hernandez-Lerma, O. (2016). Uniform Ergodicity of Continuous-Time Controlled Markov Chains: a Survey and New Results. [Annals of Operations Research](#), 241(1-2), 249-293.
- 4 Ortega-Amaya, R., Matsumoto, Y., Espinoza-Rivas, A. M., Perez-Guzman, M. A. & Ortega-Lopez, M. (2016). Development of Highly Faceted Reduced Graphene Oxide-Coated Copper Oxide and Copper Nanoparticles on a Copper Foil Surface. [Beilstein Journal of Nanotechnology](#), 7, 1010-1017.
- 5 Chuang, P. C., Young, M. B., Dale, A. W., Miller, L. G., Herrera-Silveira, J. A. & Paytan, A. (2016). Methane and Sulfate Dynamics in Sediments From Mangrove-Dominated Tropical Coastal Lagoons, Yucatan, Mexico. [Biogeosciences](#), 13(10), 2981-3001.
- 6 Moran-Santibanez, K., Cruz-Suarez, L. E., Ricque-Marie, D., Robledo, D., Freile-Pelegrin, Y., Pena-Hernandez, M. A., Rodriguez-Padilla, C. & Trejo-Avila, L. M. (2016). Synergistic Effects of Sulfated Polysaccharides From Mexican Seaweeds Against Measles Virus. [Biomed Research International](#), 2016, 8502123.
- 7 Leon-Carriedo, M., Gutierrez, C. A., Lopez-Cuevas, J., Pech-Canul, M. I. & Rodriguez-Galicia, J. L. (2016). The Effect of Residual Stress on Mechanical Resistance of Zrsio4/Al2o3 Laminates. [Boletin De La Sociedad Espanola De Ceramica Y Vidrio](#), 55(3), 87-94.
- 8 Lopez-Canales, O. A., Castillo-Hernandez, M. C., Vargas-Robles, H., Rios, A., Lopez-Canales, J. S. & Escalante, B. (2016). Role of Adenylyl Cyclase in Reduced Beta-Adrenoceptor-Mediated Vasorelaxation During Maturation. [Brazilian Journal of Medical and Biological Research](#), 49(7), e5285.
- 9 Gonzalez-Santillan, E. & Prendini, L. (2016). Systematic Revision of the North American Syntropine Vaejovid Scorpion Genera Maaykuyak, Syntropis, and Vizcaino, With Description of the Adults of Syntropis Williamsi. [Bulletin of the American Museum of Natural History](#), (405), 1-68.
- 10 Torres-Rojas, R. M. & Baquero, R. (2016). Theoretical study of graphite intercalated with water cyclic hexamers. [Carbon](#), 107, 332-337.

- 11 Zuniga-Silva, J. R., Chan-Cupul, W., Loera, O., Aguilar-Lopez, R., Xoconostle-Cazares, B. & Vazquez, R. R. (2016). In Vitro Toxic Effects of Heavy Metals on Fungal Growth and Phosphate-Solubilising Abilities of Isolates Obtained From *Phragmites Australis* Rhizosphere. [Chemistry and Ecology](#), 32(1), 49-67.
- 12 Celada, M., Montesinos, M. & Romero, J. (2016). Barbero's Formulation From a Bf-Type Action With the Immirzi Parameter. [Classical and Quantum Gravity](#), 33(11), 115014.
- 13 Berron-Ruiz, L., Lopez-Herrera, G., Vargas-Hernandez, A., Santos-Argumedo, L., Lopez-Macias, C., Isibasi, A., Segura-Mendez, N. H. & Bonifaz, L. (2016). Impaired Selective Cytokine Production by Cd4(+) T Cells in Common Variable Immunodeficiency Associated With the Absence of Memory B Cells. [Clinical Immunology](#), 166, 19-26.
- 14 Torres, L., Delgado-Aguinaga, J. A., Besancon, G., Verde, C. & Begovich, O. (2016). Equivalent Lienard-type models for a fluid transmission line. [Comptes Rendus Mecanique](#), 344(8), 582-595.
- 15 Ruiz-Martinez, G., Rivillas-Ospina, G. D., Marino-Tapia, I. & Posada-Vanegas, G. (2016). Sandy: a Matlab Tool to Estimate the Sediment Size Distribution From a Sieve Analysis. [Computers & Geosciences](#), 92, 104-116.
- 16 Corrochano, L. M., Kuo, A., Marcet-Houben, M. et al. (2016). Expansion of Signal Transduction Pathways in Fungi by Extensive Genome Duplication. [Current Biology](#), 26(12), 1577-1584.
- 17 Duran-Flores, D. & Heil, M. (2016). Sources of specificity in plant damaged-self recognition. [Current Opinion in Plant Biology](#), 32, 77-87.
- 18 Lopez-Ortega, O., Ovalle-Garcia, E., Ortega-Blake, I., Antillon, A., Chavez-Munguia, B., Patino-Lopez, G., Fragozo-Soriano, R. & Santos-Argumedo, L. (2016). Myo1g Is an Active Player in Maintaining Cell Stiffness in B-Lymphocytes. [Cytoskeleton](#), 73(5), 258-268.
- 19 Ku-Cauich, J. C. & Morales-Luna, G. (2016). Authentication Codes Based on Resilient Boolean Maps. [Designs Codes and Cryptography](#), 80(3), 619-633.
- 20 Acosta-Enriquez, E. B., Acosta-Enriquez, M. C., Castillo-Ortega, R., Zayas, M. A. E. & Pech-Canul, M. I. (2016). Nanostructured Fibers of a-Si3n4 Deposited by Hysy-Cvd. [Digest Journal of Nanomaterials and Biostructures](#), 11(2), 601-605.
- 21 Lievano-Reyes, R., Perez-Mendez, H. I., Solis-Oba, A., Jaramillo-Morales, O. A., Espinosa-Juarez, J. V. & Lopez-Munoz, F. J. (2016). Antinociceptive Effect of Racemic Flurbiprofen and Caffeine Co-Administration in an Arthritic Gout-Type Pain in Rats. [Drug Development Research](#), 77(4), 192-198.
- 22 Huerta, E. F., Carmona-Tellez, S., Gallardo-Hernandez, S., Cabanas-Moreno, J. G. & Falcony, C. (2016). Up and Down Conversion Photoluminescence From Er, Yb and Li Doped Y2o3 Phosphors and Composites Films With Pmma. [Ecs Journal of Solid State Science and Technology](#), 5(7), R129-R135.
- 23 Castrillon, I. D., Cruz, R. & Reyes, E. (2016). On Well-Covered, Vertex Decomposable and Cohen-Macaulay Graphs. [Electronic Journal of Combinatorics](#), 23(2), P2.39.

24 Bahamonde, N. & Galindo, A. A. G. (2016). Characterization of Human Digestion Models From Its Representations and Analysis of Its Progress in a Group of Teachers and Supporting Academic Team. [Ensenanza De Las Ciencias](#), 34(1), 129-147.

25 Hernandez-Garcia, F. A., Torres-Delgado, G., Castanedo-Perez, R. & Zelaya-Angel, O. (2016). Gaseous Benzene Degradation by Photocatalysis Using Zno+Zn<sub>2</sub>Tio<sub>4</sub> Thin Films Obtained by Sol-Gel Process. [Environmental Science and Pollution Research](#), 23(13), 13191-13199.

26 Varela-Silva, M. I., Bogin, B., Sobral, J. A. G., Dickinson, F. & Monserrat-Revillo, S. (2016). Deep Data Science to Prevent and Treat Growth Faltering in Maya Children. [European Journal of Clinical Nutrition](#), 70(6), 679-680.

27 Jaramillo-Morales, O. A., Espinosa-Juarez, J. V., Garcia-Martinez, B. A. & Lopez-Munoz, F. J. (2016). Ketoprofen and antinociception in hypo-oestrogenic Wistar rats fed on a high sucrose diet. [European Journal of Pharmacology](#), 788, 168-175.

28 Chatzipanagiotou, S., Ioannidis, A., Trikka-Graphakos, E. et al. (2016). Detecting the Hidden Properties of Immunological Data and Predicting the Mortality Risks of Infectious Syndromes. [Frontiers in Immunology](#), 7, 217.

29 Herrera-Martinez, M., Hernandez-Ramirez, V., Hernandez-Carlos, B., Chavez-Munguia, B., Calderon-Oropeza, M. A. & Talamas-Rohana, P. (2016). Antiamoebic Activity of Adenophyllum Aurantium (L.) Strother and Its Effect on the Actin Cytoskeleton of Entamoeba Histolytica. [Frontiers in Pharmacology](#), 7, 169.

30 Gao, D., Zhao, D., Abernathy, B., Iwata-Otsubo, A., Herrera-Estrella, A., Jiang, N. & Jackson, S. A. (2016). Dynamics of a Novel Highly Repetitive CACTA Family in Common Bean (*Phaseolus vulgaris*). [G3-Genes Genomes Genetics](#), 6, 2091-2101.

31 Duplat-Bermudez, L., Ruiz-Medrano, R., Landsman, D., Marino-Ramirez, L. & Xoconostle-Cazares, B. (2016). Transcriptomic Analysis of *Arabidopsis* Overexpressing Flowering Locus T Driven by a Meristem-Specific Promoter That Induces Early Flowering. [Gene](#), 587(2), 120-131.

32 Hernandez-Coronado, C. G., Guzman, A., Rodriguez, A., Mondragon, J. A., Romano, M. C., Gutierrez, C. G. & Rosales-Torres, A. M. (2016). Sphingosine-1-phosphate, regulated by FSH and VEGF, stimulates granulosa cell proliferation. [General and Comparative Endocrinology](#), 236, 1-8.

33 Garcia, O. A., Perez, J. A., Luna, P. S. & Alvarado, C. (2016). Impedance Plethysmography Detection With Mobile and Concealed Devices. [Ieee Latin America Transactions](#), 14(4), 1638-1644.

34 Ramirez, A., Mondie, S., Garrido, R. & Sipahi, R. (2016). Design of Proportional-Integral-Retarded (Pir) Controllers for Second-Order Lti Systems. [Ieee Transactions on Automatic Control](#), 61(6), 1688-1693.

35 Zamora-Mendez, A., Paternina, M. R. A., Vazquez, E., Ramirez, J. M. & De Serna, J. A. L. (2016). Distance Relays Based on the Taylor-Kalman-Fourier Filter. [Ieee Transactions on Power Delivery](#), 31(3), 928-935.

36 Vargas, U. & Ramirez, A. (2016). Extended Harmonic Domain Model of a Wind Turbine Generator for Harmonic Transient Analysis. [Ieee Transactions on Power Delivery](#), 31(3), 1360-1368.

37 Ramirez, A. & Rico, J. J. (2016). Harmonic/State Model-Order Reduction of Nonlinear Networks. [Ieee Transactions on Power Delivery](#), 31(3), 1379-1387.

38 Chavez-Duenas, L., Serapio-Palacios, A., Nava-Acosta, R. & Navarro-Garcia, F. (2016). Subdomain 2 of the Autotransporter Pet Is the Ligand Site for Recognizing the Pet Receptor on the Epithelial Cell Surface. [Infection and Immunity](#), 84(7), 2012-2021.

39 Garcia-Rodriguez, R., Segovia-Palacios, V., Parra-Vega, V. & Villalva-Lucio, M. (2016). Dynamic optimal grasping of a circular object with gravity using robotic soft-fingertips. [International Journal of Applied Mathematics and Computer Science](#), 26(2), 309-323.

40 Bustos-Guajardo, R. & Moukarzel, C. F. (2016). Wealth Distribution Under Yard-Sale Exchange With Proportional Taxes. [International Journal of Modern Physics C](#), 27(8), 165009.

41 Gomez-Gomez, Y., Organista-Nava, J., Ocadiz-Delgado, R., Garcia-Villa, E., Leyva-Vazquez, M. A., Illades-Aguiar, B., Lambert, P. F., Garcia-Carranca, A. & Gariglio, P. (2016). The Expression of Mir-21 and Mir-143 Is Deregulated by the Hpv16 E7 Oncoprotein and 17 Beta-Estradiol. [International Journal of Oncology](#), 49(2), 549-558.

42 Garciduenas-Pina, C., Medina-Ramirez, I. E., Guzman, P., Rico-Martinez, R., Morales-Dominguez, J. F. & Rubio-Franchini, I. (2016). Evaluation of the Antimicrobial Activity of Nanostructured Materials of Titanium Dioxide Doped With Silver and/or Copper and Their Effects on Arabidopsis Thaliana. [International Journal of Photoenergy](#), 2016, 8060847.

43 Pan, S., Saha, R., Kumar, A., Gupta, A., Merino, G. & Chattaraj, P. K. (2016). A Noble Interaction: an Assessment of Noble Gas Binding Ability of Metal Oxides (Metal=Cu, Ag, Au). [International Journal of Quantum Chemistry](#), 116(13), 1016-1024.

44 Islas-Lugo, F., Vega-Estrada, J., Alvis, C. A., Ortega-Lopez, J. & Montes-Horcasitas, M. C. (2016). Developing strategies to increase plasmid DNA production in Escherichia coli DH5[alpha] using batch culture. [Journal of Biotechnology](#), 233, 66-73.

45 Ramirez-Neria, M., Sira-Ramirez, H., Garrido-Moctezuma, R. & Luviano-Juarez, A. (2016). On the linear control of underactuated nonlinear systems via tangent flatness and active disturbance rejection control: the case of the ball and beam system. [Journal of Dynamic Systems Measurement and Control-Transactions of the Asme](#), 138, 104501.

46 Schutze, O., Hernandez, V. A. S., Trautmann, H. & Rudolph, G. (2016). The Hypervolume Based Directed Search Method for Multi-Objective Optimization Problems. [Journal of Heuristics](#), 22(3), 273-300.

47 Adam, J., Adamovaa, D., Aggarwal, M. M. et al. (2016). Differential Studies of Inclusive J/Psi and Psi (2s) Production at Forward Rapidity in Pb-Pb Collisions at Root S(Nn)=2:76 Teve. [Journal of High Energy Physics](#), (5), 179.

48 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for heavy Majorana neutrinos in  $e(+)(-)e(+)(-) + \text{jets}$  and  $e(+)(-)mu(+)(-) + \text{jets}$  events in proton-proton collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (1), 169.

49 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for the production of an excited bottom quark decaying to tW in proton-proton collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (1), 166.

50 Martin-Avila, A., Medina-Tamayo, J., Ibarra-Sanchez, A. et al. (2016). Protein Tyrosine Kinase Fyn Regulates Tlr4-Elicited Responses on Mast Cells Controlling the Function of a Pp2a-Pkc Alpha/Beta Signaling Node Leading to Tnf Secretion. [Journal of Immunology](#), 196(12), 5075-5088.

51 Quinones-Galvan, J. G., Guillen-Cervantes, A., Campos-Gonzalez, E., Santos-Cruz, J., Mayen-Hernandez, S. A., Olvera, M. D., Zelaya-Angel, O., Contreras-Puente, G. & De Moure-Flores, F. (2016). Structural Properties of Sn-Doped Cdte Thin Films Grown by Pulsed Laser Deposition Using Powder as Target. [Journal of Laser Applications](#), 28(3), 032012.

52 De La Rosa, C. E. F., Trejo, M. H., Roman, M. C. & Lopez, E. A. (2016). Effect of Decarburization on the Residual Stresses Produced by Shot Peening in Automotive Leaf Springs. [Journal of Materials Engineering and Performance](#), 25(7), 2596-2603.

53 Khmelnitskaya, K. V., Kravchenko, V. V. & Torba, S. M. (2016). Modulated Electromagnetic Fields in Inhomogeneous Media, Hyperbolic Pseudoanalytic Functions, and Transmutations. [Journal of Mathematical Physics](#), 57(5), 051503.

54 Garrido, J., Yu, W. & Li, X. O. (2016). Modular Design and Control of an Upper Limb Exoskeleton. [Journal of Mechanical Science and Technology](#), 30(5), 2265-2271.

55 Pelayo-Vazquez, J. B., Gonzalez-Bravo, F. J., Leyva, M. A. & Rosales-Hoz, M. J. (2016). Reactivity of 1,4-Benzoquinone With Trinuclear Ruthenium and Osmium Clusters: Facile Hydrogenation of the Quinoid Fragment. [Journal of Organometallic Chemistry](#), 812, 207-216.

56 Mendivil-Reynoso, T., Berman-Mendoza, D., Acosta-Enriquez, M. C., Rojas-Blanco, L., Ramirez-Rodriguez, L. P., Ramirez-Bon, R. & Castillo, S. J. (2016). Study of Non-Ideal Effects in Zno Tft's. [Journal of Ovonic Research](#), 12(2), 103-111.

57 Bermudez, D., Fernandez, D. J. & Negro, J. (2016). Solutions to the Painleve V equation through supersymmetric quantum mechanics. [Journal of Physics a-Mathematical and Theoretical](#), 49(33), 335203.

58 Pfeiler, E., Laclette, M. R. L. & Markow, T. A. (2016). Polyphyly in Urbanus and Astraptes (Hesperiidae: Eudaminae) Assessed Using Mitochondrial Dna Barcodes, With a Reinstated Status Proposed for Achalarus. [Journal of the Lepidopterists Society](#), 70(2), 85-95.

59 Urrios, A., Parra-Cabrera, C., Bhattacharjee, N. et al. (2016). 3d-Printing of Transparent Bio-Microfluidic Devices in Peg-Da. [Lab on a Chip](#), 16(12), 2287-2294.

- 60 Martinez-Rendis, A., Gonzalez, G. A., Hernandez-Stefanoni, J. L. & Gonzalez, J. E. A. (2016). Quantifying the Reefscape Transformation of a Coastal Caribbean Coral Reef During a Phase Shift and the Associated Coastal Landscape Change. [Marine Ecology-an Evolutionary Perspective](#), 37(3), 697-710.
- 61 Rosado-Mendoza, M. & Oliva, A. I. (2016). Chemical Bath Deposition of Zinc Sulfide Films Doped With Copper. [Materials and Manufacturing Processes](#), 31(11), 1454-1460.
- 62 Diaz-Torres, E., Ortega-Lopez, M., Matsumoto, Y. & Santoyo-Salazar, J. (2016). Simple Synthesis of Pbse Nanocrystals and Their Self-Assembly Into 2d 'flakes' and 1d 'ribbons' Structures. [Materials Research Bulletin](#), 80, 96-101.
- 63 Garcia-Mena, J., Murugesan, S., Perez-Munoz, A. A. et al. (2016). Airborne Bacterial Diversity From the Low Atmosphere of Greater Mexico City. [Microbial Ecology](#), 72(1), 70-84.
- 64 Esquivel-Naranjo, E. U., Garcia-Esquivel, M., Medina-Castellanos, E., Correa-Perez, V. A., Parra-Arriaga, J. L., Landeros-Jaime, F., Cervantes-Chavez, J. A. & Herrera-Estrella, A. (2016). A Trichoderma atroviride stress-activated MAPK pathway integrates stress and light signals. [Molecular Microbiology](#), 100(5), 860-876.
- 65 Lopez-Colome, A. M., Lopez, E., Mendez-Flores, O. G. & Ortega, A. (2016). Glutamate Receptor Stimulation up-Regulates Glutamate Uptake in Human Muller Glia Cells. [Neurochemical Research](#), 41(7), 1797-1805.
- 66 Peralta-Cruz, J., Diaz-Fernandez, M., Avila-Castro, A., Ortegon-Reyna, D. & Ariza-Castolo, A. (2016). An Experimental and Theoretical Study of Intramolecular Regioselective Oxidations of 6-Substituted 2,3-Dimethylquinoxaline Derivatives. [New Journal of Chemistry](#), 40(6), 5501-5515.
- 67 Ortiz-Sanchez, E., Santiago-Lopez, L., Cruz-Dominguez, V. B., Toledo-Guzman, M. E., Hernandez-Cueto, D., Muniz-Hernandez, S., Garrido, E., Cantu-De Leon, D. & Garcia-Carranca, A. (2016). Characterization of Cervical Cancer Stem Cell-Like Cells: Phenotyping, Stemness, and Human Papilloma Virus Co-Receptor Expression. [Oncotarget](#), 7(22), 31943-31954.
- 68 Bravo-Hernandez, M., Corleto, J. A., Barragan-Iglesias, P. et al. (2016). The Alpha(5) Subunit Containing Gaba(a) Receptors Contribute to Chronic Pain. [Pain](#), 157(3), 613-626.
- 69 Aab, A., Abreu, P., Aglietta, M. et al. (2016). Energy Estimation of Cosmic Rays With the Engineering Radio Array of the Pierre Auger Observatory. [Physical Review D](#), 93(12), 122005.
- 70 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Pair-Produced Vectorlike B Quarks in Proton-Proton Collisions at Root S=8 Tev. [Physical Review D](#), 93(11), 112009.
- 71 Aab, A., Abreu, P., Aglietta, M. et al. (2016). Measurement of the Radiation Energy in the Radio Signal of Extensive Air Showers as a Universal Estimator of Cosmic-Ray Energy. [Physical Review Letters](#), 116(24), 241101.

- 72 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for narrow resonances in dijet final states at root S=8 TeV with the novel CMS technique of data scouting. [Physical Review Letters](#), 117(3), 031802.
- 73 Rivera-Agudelo, D. C. & Perez-Lorenzana, A. (2016). Leptonic CP phases near the [mu]-T symmetric limit. [Physics Letters B](#), 760, 153-157.
- 74 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of Spin Correlations in Tf Production Using the Matrix Element Method in the Muon Plus Jets Final State in Pp Collisions at Root S=8 Tev. [Physics Letters B](#), 758, 321-346.
- 75 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Multi-Strange Baryon Production in P-Pb Collisions at Root(Nn)-N-S=5.02 Tev. [Physics Letters B](#), 758, 389-401.
- 76 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for a Low-Mass Pseudoscalar Higgs Boson Produced in Association With a B(B)Over-Bar Pair in Pp Collisions at Root S=8 Tev. [Physics Letters B](#), 758, 296-320.
- 77 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Supersymmetry in the Multijet and Missing Transverse Momentum Final State in Pp Collisions at 13 Tev. [Physics Letters B](#), 758, 152-180.
- 78 Villarreal-Quintanilla, J. A., Estrada-Castillon, E., Reyes-Valdes, M. H., Encina-Dominguez, J. A., Martinez, O. & Hernandez-Godinez, F. (2016). Dasylirion Micropterum (Asparagaceae), a New Species From Sierra Madre Oriental, Mexico. [Phytotaxa](#), 253(2), 139-146.
- 79 Espinoza-Moreno, R. J., Reyes-Moreno, C., Milan-Carrillo, J., Lopez-Valenzuela, J. A., Paredes-Lopez, O. & Gutierrez-Dorado, R. (2016). Healthy Ready-to-Eat Expanded Snack With High Nutritional and Antioxidant Value Produced From Whole Amarantin Transgenic Maize and Black Common Bean. [Plant Foods for Human Nutrition](#), 71(2), 218-224.
- 80 Salinas-Gamboa, R., Johnson, S. D., Sanchez-Leon, N., Koltunow, A. M. G. & Vielle-Calzada, J. P. (2016). New Observations on Gametogenic Development and Reproductive Experimental Tools to Support Seed Yield Improvement in Cowpea [Vigna Unguiculata (L.) Walp.]. [Plant Reproduction](#), 29(1-2), 165-177.
- 81 Lino, B., Chagolla, A. & De La Vara, L. E. G. (2016). Membrane Proteins Involved in Transport, Vesicle Traffic and Ca<sup>2+</sup> Signaling Increase in Beetroots Grown in Saline Soils. [Planta](#), 244(1), 87-101.
- 82 Medina-Aguilar, R., Perez-Plasencia, C., Marchat, L. A. et al. (2016). Methylation Landscape of Human Breast Cancer Cells in Response to Dietary Compound Resveratrol. [Plos One](#), 11(6), e0157866.
- 83 Hernandez-Santamaria, V., De Teresa, L. & Poznyak, A. (2016). Hierarchic Control for a Coupled Parabolic System. [Portugaliae Mathematica](#), 73(2), 115-137.

84 Mendoza-Vizcaino, J., Sumper, A., Sudria-Andreu, A. & Ramirez, J. M. (2016). Renewable technologies for generation systems in islands and their application to Cozumel Island, Mexico. [Renewable and Sustainable Energy Reviews](#), 64, 348-361.

85 Ascencio, L. A., Enriquez, M., Martinez, I. & Aldana, D. (2016). Effect of temperature and salinity on the reproductive cycle of males and females of *Crassostrea virginica* (Bivalvia: Ostreidae). [Revista De Biología Tropical](#), 64(2), 449-459.

86 Rodriguez-Pena, N., Stoner, K. E., Flores-Ortiz, C. M., Ayala-Berdon, J., Munguia-Rosas, M. A., Sanchez-Cordero, V. & Schondube, J. E. (2016). Factors Affecting Nectar Sugar Composition in Chiropterophilic Plants. [Revista Mexicana De Biodiversidad](#), 87(2), 465-473.

87 Arceo-Carranza, D., Gamboa, E., Teutli-Hernandez, C., Badillo-Aleman, M. & Herrera-Silveira, J. A. (2016). Fish as an Indicator of Ecological Restoration of Mangroves on the North Coast of Yucatan. [Revista Mexicana De Biodiversidad](#), 87(2), 489-496.

88 Mariscal-Becerra, L., Carmona-Tellez, S., Vazquez-Arreguin, R., Garcia-Rosas, C. M., Falcony, C., Murrieta, H. & Sanchez-Alejo, M. A. (2016). Green Light Emission in Aluminum Oxide Powders Doped With Different Terbium Concentrations. [Revista Mexicana De Física](#), 62(4), 285-289.

89 Ponce, A. G., Madrid, A. F. C., Robles, H. V. et al. (2016). Loss of Cortactin Causes Endothelial Barrier Dysfunction Via Disturbed Adrenomedullin Secretion and Actomyosin Contractility. [Scientific Reports](#), 6, 29003.

90 Tinoco, J. C., Martinez-Lopez, A. G., Lezama, G., Mendoza-Barrera, C., Cerdeira, A. & Estrada, M. (2016). Modelling and Extraction Procedure for Gate Insulator and Fringing Gate Capacitance Components of an Mis Structure. [Semiconductor Science and Technology](#), 31(7), 075011.

91 Alvarado, J., Flores, P., Avila-Herrera, F., Gonzalez, V., Soto-Cruz, B. S. & Cerdeira, A. (2016). Verilog-a Implementation of a Double-Gate Junctionless Compact Model for Dc Circuit Simulations. [Semiconductor Science and Technology](#), 31(7), 075002.

92 Rinaldi, F., Zhang, Y., Mondragon-Gonzalez, R., Harvey, J. & Perlingeiro, R. C. R. (2016). Treatment With Rgdf11 Does Not Improve the Dystrophic Muscle Pathology of Mdx Mice. [Skeletal Muscle](#), 6, 21.

93 Medina-Montes, M. I., Baldenegro-Perez, L. A., Sanchez-Zeferino, R., Rojas-Blanco, L., Becerril-Silva, M., Quevedo-Lopez, M. A. & Ramirez-Bon, R. (2016). Effect of depth of traps in ZnO polycrystalline thin films on ZnO-TFTs performance. [Solid-State Electronics](#), 123, 119-123.

94 Galvan-Reyes, C., Fuentes-Aceituno, J. C. & Salinas-Rodriguez, A. (2016). The Role of Alkalizing Agent on the Manganese Phosphating of a High Strength Steel Part 2: the Combined Effect of Naoh and the Amino Group (Nh4oh, Mono-Ethanolamine and Nh4no3) on the Degradation Stage of the Phosphating Mechanism. [Surface & Coatings Technology](#), 299, 113-122.

95 Castellanos-Martinez, S., Aguirre-Macedo, M. L. & Furuya, H. (2016). Two New Species of Dicyemid Mesozoans (Dicyemida: Dicyemidae) From Octopus Maya Voss & Solis-Ramirez (Octopodidae) Off Yucatan, Mexico. [Systematic Parasitology](#), 93(6), 551-564.

96 Bueno, D., Mishra, R. K., Hayat, A., Catanante, G., Sharma, V., Munoz, R. & Marty, J. L. (2016). Portable and low cost fluorescence set-up for in-situ screening of Ochratoxin A. *Talanta*, 159, 395-400.

97 Bautista-Hernandez, C. I., Cordero-Rivera, R. E., Zuniga-Estrada, E. A., Trejo-Carbajal, N., Melendez-Rodriguez, M., Suarez-Castillo, O. R., Sanchez-Zavala, M., Morales-Rios, M. S. & Joseph-Nathan, P. (2016). Absolute configuration assignment of oxindole derivatives by vibrational circular dichroism exciton coupling. *Tetrahedron: Asymmetry*, 27(14-15), 623-638.

98 Flores-Ruiz, F. J., Espinoza-Beltran, F. J., Diliegros-Godines, C. J., Siqueiros, J. M. & Herrera-Gomez, A. (2016). Atomic force acoustic microscopy: Influence of the lateral contact stiffness on the elastic measurements. *Ultrasonics*, 71, 271-277.

99 Gomez-Flores, W. & Ruiz-Ortega, B. A. (2016). New Fully Automated Method for Segmentation of Breast Lesions on Ultrasound Based on Texture Analysis. *Ultrasound in Medicine and Biology*, 42(7), 1637-1650.

**[ARTÍCULOS BI] – ARTÍCULOS PUBLICADOS EN EXTENO EN OTRAS REVISTAS ESPECIALIZADAS  
(INCLUÍDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)**

100 Navarro-Noya, Y. E., Luna-Guido, M. & Dendooven, L. (2016). Cultivable nitrogen fixing bacteria from extremely alkaline-saline soils. *Advances in Microbiology*, 6, 412-423.

101 Torres-Jimenez, J. & Izquierdo-Marquez, I. (2016). Construction of Non-Isomorphic Covering Arrays. *Discrete Mathematics Algorithms and Applications*, 8(2), 1650033.

102 Arteaga, M. C., Moreno-Letelier, A., Mastretta-Yanes, A., Vazquez-Lobo, A., Brena-Ochoa, A., Moreno-Estrada, A., Eguiarte, L. E. & Pinero, D. (2016). Genomic Variation in Recently Collected Maize Landraces From Mexico. *Genomics Data*, 7, 38-45.

103 Martinez-Araiza, U. & Lopez-Mellado, E. (2016). CtI Model Repair for Inter-Organizational Business Processes Modelled as Owfn. *Ifac Papersonline*, 49(2), 6-11.

104 Trujeque, J. R., Rivera, J. M. C., Owen, P. Q., Bartolo-Perez, P., Lopez, T. P., Gonzalez, E. C. & Perez, F. E. C. (2016). Weathering Effects of an Historic Building in San Francisco De Campeche, Mexico. *Intervencion-Revista Internacional De Conservacion Restauracion Y Museologia*, 6(13), 22-31.

105 Mares-Mares, E., Del Rincon-Castro, M. C., Ordóñez-Acevedo, L. G. & Leon-Galvan, M. F. (2016). Identificación y caracterización estructural de peptidos antihipertensivos a partir de hidrolizados proteicos de la nuez (*Carya illinoensis*): análisis en silico e in vitro. *Investigación y Desarrollo En Ciencia y Tecnología De Alimentos*, 1(2), 436-441.

106 Neria-Gonzalez, M. I., Lopez-Perez, P. A. & Aguilar-Lopez, R. (2016). Partial Control of a Continuous Bioreactor: Application to an Anaerobic System for Heavy Metal Removal. *Journal of Engineering*, 2016, 4358282.

- 107 Olivar-Romero, F. & Rosas-Ortiz, O. (2016). Factorization of the quantum fractional oscillator. *Journal of Physics Conference Series*, 698, 012025.
- 108 Zelaya, K. D. & Rosas-Ortiz, O. (2016). Optimized binomial quantum states of complex oscillators with real spectrum. *Journal of Physics Conference Series*, 698, 012026.
- 109 Ortiz, C. A., De Caralos, E. & Lopez, J. M. (2016). Paper laser: a step towards a time scale generation from an ensemble of optical clocks. *Journal of Physics Conference Series*, 723, 012062.
- 110 Hernandez-Rubio, E., Meneses-Viveros, A., Mancera-Serralde, E. & Flores-Ortiz, J. (2016). Combinations of modalities for the words learning memory test implemented on tablets for seniors. *Lecture Notes in Computer Science*, 9754, 309-319.
- 111 Maqbool, S., Ahmad, N., Muhammad, A. & Martinez-Enriquez, A. M. (2016). Simultaneous encryption and compression of digital images based on secure-JPEG encoding. *Lecture Notes in Computer Science*, 9703, 145-154.
- 112 Gomez-Lojero, C. & Gutierrez-Cirlos Madrid, E. B. (2016). Cyanobacteria, primary producers and their light harvesting antennas. *Mensaje Bioquímico*, 40, 281-304.
- 113 Olvera-Farias, R. M., Cruz-Perez, J. R., Salinas-Gutierrez, R., Guerrero-Diaz de Leon, J. A., Kouri-Flores, J. B., Rosales-Ibanez, R., Masuoka-Ito, D. & Guerrero-Barrera, A. L. (2016). Unilateral impact of altered loading by changing teeth height on the TMJ fibrocartilage: disc and condyle of wistar rats. *Microscopy Research*, 4, 20-31.
- 114 Lopez-Cuevas, J., Pech-Canul, M. I., Rendon-Angeles, J. C., Rodriguez-Galicia, J. L. & Gutierrez-Chavarria, C. A. (2016). Wollastonite - Tricalcium Phosphate Glass-Ceramics of Eutectic Composition Synthesized by the Glass-Crystallization Method. *MRS Proceedings*, 1812, imrc2015s6b-o030.
- 115 Perez-Campos, R. A., Huchim-Lara, O., Salas, S., Liceaga-Correa, M., Hernandez-Nunez, H., Pascual-Jimenez, C. & Rodriguez-Canul, R. (2016). Landscape Analysis for PaV1 Infection in Lobsters Panulirus argus from the Artisanal Fishery of the Eastern Coast of Yucatan, Mexico. *Open Journal of Marine Science*, 6, 386-394.
- 116 Lenin, V., Cervantes-Perez, S. A., Gutierrez-Alanis, D., Gonzales-Morales, S., Martinez, O. & Herrera-Estrella, L. (2016). Phosphate Starvation Induces Dna Methylation in the Vicinity of Cis-Acting Elements Known to Regulate the Expression of Phosphate-Responsive Genes. *Plant Signaling & Behavior*, 11(5), e1173300.
- 117 Jasso-Teran, R. A., Cortes-Hernandez, D. A., Sanchez-Fuentes, H. J., Reyes-Rodriguez, P. Y. & De Leon-Prado, L. E. (2016). Magnetic Nanoparticles of Zinc and Calcium for Magnetic Hyperthermia Application. *Revista Facultad De Ingenieria*, 25(42), 89-98.
- 118 Fernandez-Munoz, J. L., Zapata-Torrez, M., Marquez-Herrera, A., Sanchez-Sinencio, F., Mendoza-Alvarez, J. G., Melendez-Lira, M. & Zelaya-Angel, O. (2016). Properties of Particle Size Distribution From Milled White Nixtamalized Corn Kernels as a Function of Steeping Time. *Scientifica*, 2016, 6724047.

119 Tlelo-Cuautle, E., Sanchez-Sanchez, M., Carbajal-Gomez, V. H., Pano-Azucena, A. D., De La Fraga, L. G. & Rodriguez-Gomez, G. (2016). On the Verification for Realizing Multi-Scroll Chaotic Attractors With High Maximum Lyapunov Exponent and Entropy. [Studies in Computational Intelligence](#), 636, 311-336.

#### **[ARTÍCULOS C] – ARTÍCULOS EN REVISTAS DE DIVULGACIÓN CIENTÍFICA Y/O TECNOLÓGICA**

120 Luna-Munoz, J. & Carrillo, M. (2016). America Latina ante los retos del Alzheimer. [Avance y Perspectiva](#), 1(3), 12-13.

121 Rosas-Escamilla, R. (2016). El enigmático numero pi. [Avance y Perspectiva](#), 1(4), 48-49.

122 Ruiz-Suarez, J. C. (2016). El observador de pájaros. [Avance y Perspectiva](#), 1(4), 50-53.

123 Hernandez, F. C. & Perez-Bonilla, M. E. (2016). El vuelo del mosquito: un debate sobre mosquitos. [Avance y Perspectiva](#), 1(4), 42-43.

124 Cruz, S. L. & Lopez, C. (2016). Farmacos que producen dependencia y adicción. [Avance y Perspectiva](#), 1(3), 34-37.

125 Dominguez-Montero, L. E. (2016). La conjetura de Kepler. [Avance y Perspectiva](#), 1(3), 51-53.

126 Ludert, J. E. (2016). La peligrosa ruta del Chikungunya. [Avance y Perspectiva](#), 1(4), 36-38.

127 Hernandez-Montoya, A. R. (2016). La tecnología actual tuvo origen en la ciencia básica. [Avance y Perspectiva](#), 1(3), 38-42.

128 Rosas-Ortiz, O. (2016). Miélnik 1984. [Avance y Perspectiva](#), 1(4), 26-27.

129 Huchim-Lara, O., Salas, S., Fraga, J. & Chin, W. (2016). Protegen salud de pescadores. [Avance y Perspectiva](#), 1(3), 46-50.

130 Del Angel, R. M. (2016). Que sabemos del Zika? [Avance y Perspectiva](#), 1(4), 32-33.

131 Matos, T. (2016). Tras el mito de las ondas gravitacionales. [Avance y Perspectiva](#), 1(4), 45-47.

132 Miélnik, B. (2016). Visiones incompletas. [Avance y Perspectiva](#), 1(4), 9-13.

#### **[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES**

133 Garcia, J. I. E. (2016). Untitled. [Advances in Cement Research](#), 28(5), 285-286.

134 Herrera-Corral, G. (2016). Editorial. [Avance y Perspectiva](#), 1(4), 3.

135 Herrera-Corral, G. (2016). Editorial. [Avance y Perspectiva](#), 1(3), 3.

136 Muriel-Vizcaino, R., Yamazaki-Nakashimada, M., Lopez-Herrera, G., Santos-Argumedo, L. & Ramirez-Alejo, N. (2016). Hemophagocytic Lymphohistiocytosis as a Complication in Patients With Msmd. [Journal of Clinical Immunology](#), 36(5), 420-422.

137 Rosas-Ortiz, O. (2016). Quantum Fest 2015. Preface. [Journal of Physics Conference Series](#), 698, 011001.

138 Herrera-Estrella, L. & Lopez-Arredondo, D. (2016). Phosphorus: the Underrated Element for Feeding the World. [Trends in Plant Science](#), 21(6), 461-463.

139 Li, W. Q., Herrera-Estrella, L. & Tran, L. S. P. (2016). The Yin-Yang of Cytokinin Homeostasis and Drought Acclimation/Adaptation. [Trends in Plant Science](#), 21(7), 548-550.

#### **ARTÍCULOS R (2.2) – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS**

140 Poblete-Naredo, I. & Albores, A. (2016). Molecular Biomarkers to Assess Health Risks Due to Environmental Contaminants Exposure. [Biomedica](#), 36(2), 309-335.

141 Diaz-Manriquez, A., Toscano, G., Barron-Zambrano, J. H. & Tello-Leal, E. (2016). A Review of Surrogate Assisted Multiobjective Evolutionary Algorithms. [Computational Intelligence and Neuroscience](#), 2016, 9420460.

142 Vilema-Enriquez, G., Arroyo, A., Grijalva, M., Amador-Zafra, R. I. & Camacho, J. (2016). Molecular and Cellular Effects of Hydrogen Peroxide on Human Lung Cancer Cells: Potential Therapeutic Implications. [Oxidative Medicine and Cellular Longevity](#), 2016, 1908164.

Última actualización: marzo 23, 2017 08:56 a.m.

## ARTÍCULOS DEL MES DE AGOSTO DE 2016

### **[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXLENDO EN REVISTAS INCLUIDAS EN JCR**

- 1 Perez-Garcia, M. G., Gutierrez, M. C., Mota-Morales, J. D., Luna-Barcenas, G. & Del Monte, F. (2016). Synthesis of Biodegradable Macroporous Poly(L-Lactide)/Poly(Epsilon-Caprolactone) Blend Using Oil-in-Eutectic-Mixture High-Internal-Phase Emulsions as Template. [Acs Applied Materials & Interfaces](#), 8(26), 16939-16949.
- 2 Martinez-Jarquin, S., Moreno-Pedraza, A., Guillen-Alonso, H. & Winkler, R. (2016). Template for 3d Printing a Low-Temperature Plasma Probe. [Analytical Chemistry](#), 88(14), 6976-6980.
- 3 Cruz, H., Schuch, D., Castanos, O. & Rosas-Ortiz, O. (2016). Time-evolution of quantum systems via a complex nonlinear Riccati equation. II. Dissipative systems. [Annals of Physics](#), 373, 609-630.
- 4 Przanowski, M., Garcia-Compean, H., Tosiek, J. & Turrubiates, F. J. (2016). Uncertainty relations in quantum optics. Is the photon intelligent? [Annals of Physics](#), 373, 123-144.
- 5 Rosas-Ortiz, O., Cruz y Cruz, S. & Enriquez, M. (2016). SU(1, 1) and SU (2) and approaches to the radial oscillator: Generalized coherent states and squeezing of variances. [Annals of Physics](#), 373, 346-373.
- 6 Tapia-Torres, Y., Rodriguez-Torres, M. D., Elser, J. J., Islas, A., Souza, V., Garcia-Oliva, F. & Olmedo-Alvarez, G. (2016). How to Live With Phosphorus Scarcity in Soil and Sediment: Lessons From Bacteria. [Applied and Environmental Microbiology](#), 82(15), 4652-4662.
- 7 Higuera-Chan, C. G., Jasso-Fuentes, H. & Minjarez-Sosa, J. A. (2016). Discrete-Time Control for Systems of Interacting Objects With Unknown Random Disturbance Distributions: a Mean Field Approach. [Applied Mathematics and Optimization](#), 74(1), 197-227.
- 8 Serviere-Zaragoza, E., Perez-Estrada, C. J. & Aranda, D. A. (2016). Status of the Digestive Gland and Feed Index in Juvenile Green Abalone *Haliotis Fulgens* Fed Rehydrated Macroalgae. [Aquaculture Nutrition](#), 22(4), 767-775.
- 9 Ruiz-Salinas, I., Rocha, L., Marichal-Cancino, B. A. & Villalon, C. M. (2016). Cardiovascular Alterations During the Interictal Period in Awake and Pithed Amygdala-Kindled Rats. [Basic & Clinical Pharmacology & Toxicology](#), 119(2), 165-172.
- 10 Rebolledo-Solleiro, D., Ontiveros-Araiza, L. F., Broccoli, L., Hansson, A. C., Rocha-Arrieta, L. L., Aguilar-Roblero, R., Crespo-Ramirez, M., Fuxe, K. & Perez de la Mora, M. (2016). Dopamine D1 Receptor Activity Is Involved in the Increased Anxiety Levels Observed in Stz-Induced Diabetes in Rats. [Behavioural Brain Research](#), 313, 293-301.
- 11 Sierra-Valdez, F., Ruiz-Suarez, J. C. & Delint-Ramirez, I. (2016). Pentobarbital modifies the lipid raft-protein interaction: A first clue about the anesthesia mechanism on NMDA and GABA<sub>A</sub> receptors. [Biochimica Et Biophysica Acta-Biomembranes](#), 1858(11), 2603-2610.

12 Torres-Huerta, A. L., Martinez-Miguel, R. M., Bazan-Tejeda, M. L. & Bermudez-Cruz, R. M. (2016). Characterization of Recombinase Dmc1b and Its Functional Role as Rad51 in Dna Damage Repair in Giardia Duodenalis Trophozoites. [Biochimie](#), 127, 173-186.

13 Damian-Morales, G., Serafin-Higuera, N., Moreno-Eutimio, M. A., Cortes-Malagon, E. M., Bonilla-Delgado, J., Rodriguez-Uribe, G., Ocadiz-Delgado, R., Lambert, P. F. & Gariglio, P. (2016). The Hpv16 E7 Oncoprotein Disrupts Dendritic Cell Function and Induces the Systemic Expansion of Cd11b(+)Gr1(+) Cells in a Transgenic Mouse Model. [Biomed Research International](#), 2016, 8091353.

14 Florez-Zapata, N. M. V., Reyes-Valdes, M. H. & Martinez, O. (2016). Long Non-Coding Rnas Are Major Contributors to Transcriptome Changes in Sunflower Meicytes With Different Recombination Rates. [Bmc Genomics](#), 17, 490.

15 Cancino-Trejo, F., Saenz Padilla, M., Lopez-Honorato, E., Carvajal-Nunez, U., Boshoven, J. & Somers, J. (2016). The effect of heat treatment on the microstructure and diffusion of silver in pyrolytic carbon coatings. [Carbon](#), 109, 542-551.

16 Catalan, A. C. & Tiburcio, J. (2016). Self-Assembly of Pseudo-Rotaxane and Rotaxane Complexes Using an Electrostatic Slippage Approach. [Chemical Communications](#), 52(61), 9526-9529.

17 Jimenez, A. C., Avila, J. I. E., Lacouture, M. M. V. & Casarin, R. S. (2016). Classification of Beach Erosion Vulnerability on the Yucatan Coast. [Coastal Management](#), 44(4), 333-349.

18 Luna, F., Zavala, G. R., Nebro, A. J., Durillo, J. J. & Coello, C. A. C. (2016). Distributed Multi-Objective Metaheuristics for Real-World Structural Optimization Problems. [Computer Journal](#), 59(6), 777-792.

19 Lara-Cisneros, G., Aguilar-Lopez, R., Dochain, D. & Femat, R. (2016). On-line estimation of VFA concentration in anaerobic digestion via methane outflow rate measurements. [Computers & Chemical Engineering](#), 94, 250-256.

20 Jaramillo-Morales, O. A., Espinosa-Juarez, J. V., Corona-Ramos, J. N. & Lopez-Munoz, F. J. (2016). Nociceptive Alteration by High Sucrose Diet in Hypoestrogenic Wistar Rats. [Drug Development Research](#), 77(5), 258-266.

21 Wills, K. A., Mandujano-Ramirez, H. J., Merino, G., Oskam, G., Cowper, P., Jones, M. D., Cameron, P. J. & Lewis, S. E. (2016). What Difference Does a Thiophene Make? Evaluation of a 4,4 '-Bis(Thiophene) Functionalised 2,2 '-Bipyridyl Copper(I) Complex in a Dye-Sensitized Solar Cell. [Dyes and Pigments](#), 134, 419-426.

22 Estrella-Gutierrez, M. A., Lizama-Tzec, F. I., Ares-Muzio, O. & Oskam, G. (2016). Influence of a Metallic Nickel Interlayer on the Performance of Solar Absorber Coatings Based on Black Nickel Electrodeposited Onto Copper. [Electrochimica Acta](#), 213, 460-468.

23 Cardenas-Gonzalez, M., Osorio-Yanez, C., Gaspar-Ramirez, O. et al. (2016). Environmental Exposure to Arsenic and Chromium in Children Is Associated With Kidney Injury Molecule-1. [Environmental Research](#), 150, 653-662.

24 Albino-Sanchez, M. E., Vazquez-Hernandez, J., Ocadiz-Delgado, R., Serafin-Higuera, N., Leon-Galicia, I., Garcia-Villa, E., Hernandez-Pando, R. & Gariglio, P. (2016). Decreased Rar Beta Expression Induces Abundant Inflammation and Cervical Precancerous Lesions. [Experimental Cell Research](#), 346(1), 40-52.

25 Villarreal-Cervantes, M. G. & Alvarez-Gallegos, J. (2016). Off-Line Pid Control Tuning for a Planar Parallel Robot Using De Variants. [Expert Systems With Applications](#), 64, 444-454.

26 Arevalo-Romero, H., Meza, I., Vallejo-Flores, G. & Fuentes-Panan, E. M. (2016). Helicobacter Pylori Caga and Il-1 Beta Promote the Epithelial-to-Mesenchymal Transition in a Nontransformed Epithelial Cell Model. [Gastroenterology Research and Practice](#), 2016, 4969163.

27 Urbiola, I. R. C., Bon, R. R. & Vorobiev, Y. V. (2016). Lead Telluride Through Transformation of Plumbonacrite in Tellurium Atmosphere and Its Behavior as Part of PbTe-Si Photodiode. [Ieee Sensors Journal](#), 16(15), 5875-5882.

28 Quesada, E. S. E., Carrillo, L. R. G., Ramirez, A. & Mondie, S. (2016). Algebraic Dominant Pole Placement Methodology for Unmanned Aircraft Systems With Time Delay. [Ieee Transactions on Aerospace and Electronic Systems](#), 52(3), 1108-1119.

29 Cuvas, C. & Mondie, S. (2016). Necessary Stability Conditions for Delay Systems With Multiple Pointwise and Distributed Delays. [Ieee Transactions on Automatic Control](#), 61(7), 1987-1994.

30 Ramirez-Perez, A., Parra-Michel, R., Rodriguez-Garcia, A. & Gonzalez-Perez, L. F. (2016). A New Single H and Multi-H Cpm Transmitter. [Ieee Transactions on Circuits and Systems I-Regular Papers](#), 63(5), 716-726.

31 Saldivar, B., Mondie, S. & Vilchis, J. C. A. (2016). The Control of Drilling Vibrations: a Coupled Pde-Ode Modeling Approach. [International Journal of Applied Mathematics and Computer Science](#), 26(2), 335-349.

32 Soto-Padilla, M. Y., Gortares-Moroyoqui, P., Cira-Chavez, L. A., Levasseur, A., Dendooven, L. & Estrada-Alvarado, M. I. (2016). Characterization of Extracellular Amylase Produced by Haloalkalophilic Strain Kocuria Sp Hj014. [International Journal of Environmental Health Research](#), 26(4), 396-404.

33 Guzman-Hernandez, R. s., Contreras-Rodriguez, A., Hernandez-Velez, R., Perez-Martinez, I., Lopez-Merino, A., Zaidi, M. B. & Estrada-Garcia, T. (2016). Mexican unpasteurised fresh cheeses are contaminated with *Salmonella* spp., non-O157 Shiga toxin producing *Escherichia coli* and potential uropathogenic *E. coli* strains: A public health risk. [International Journal of Food Microbiology](#), 237, 10-16.

34 Ayon-Beato, E., Canfora, F. & Zanelli, J. (2016). Self-Gravitating Skyrmiions. [International Journal of Modern Physics D](#), 25(9), 1641009.

35 Lopez-Islas, M. E., Ibarra-Meza, I., Ortiz-Ordonez, E., Favari, L., Sedeno-Diaz, J. E. & Lopez-Lopez, E. (2016). Liver Histopathology, Lipidperoxidation and Somatic Indices of Fulica Americana in Xochimilco (Urban) and Tecocomulco (Rural) Wetlands in the Mexico Basin. [International Journal of Morphology](#), 34(2), 522-532.

36 Jacobo-Estrada, T., Cardenas-Gonzalez, M., Santoyo-Sanchez, M., Parada-Cruz, B., Uria-Galicia, E., Arreola-Mendoza, L. & Barbier, O. (2016). Evaluation of Kidney Injury Biomarkers in Rat Amniotic Fluid After Gestational Exposure to Cadmium. [Journal of Applied Toxicology](#), 36(9), 1183-1193.

37 Rodriguez, E. E., Arcos-Lopez, T., Trujano-Ortiz, L. G., Fernandez, C. O., Gonzalez, F. J., Vela, A. & Quintanar, L. (2016). Role of N-Terminal Methionine Residues in the Redox Activity of Copper Bound to Alpha-Synuclein. [Journal of Biological Inorganic Chemistry](#), 21(5-6), 691-702.

38 Padilla-Benavides, T., Velez-Delvalle, C., Marsch-Moreno, M., Castro-Munozledo, F. & Kuri-Harcuch, W. (2016). Lipogenic Enzymes Complexes and Cytoplasmic Lipid Droplet Formation During Adipogenesis. [Journal of Cellular Biochemistry](#), 117(10), 2315-2326.

39 Tapia-Pineda, A., Perez-Arrieta, C., Silva-Cuevas, C., Paleo, E. & Lujan-Montelongo, J. A. (2016). The Two Faces of Sulfinate: Illustrating Umpolung Reactivity. [Journal of Chemical Education](#), 93(8), 1470-1474.

40 Lemus, M. A. A., Monroy, H., Lopez, T., Hernandez, E. N. D. & Lopez-Gonzalez, R. (2016). Effect of Surface Modification on the Bioactivity of Sol-Gel TiO<sub>2</sub>-Based Nanomaterials. [Journal of Chemical Technology and Biotechnology](#), 91(8), 2148-2155.

41 De La Cruz, R. A. L. & Caballero-Robledo, G. A. (2016). Lift on Side-by-Side Intruders Within a Granular Flow. [Journal of Fluid Mechanics](#), 800, 248-263.

42 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for the Associated Production of a Higgs Boson With a Single Top Quark in Proton-Proton Collisions at Root S=8 TeV. [Journal of High Energy Physics](#), (6), 177.

43 Carreon, Y. J. P. & Mercado-Uribe, H. (2016). Dielectric spectroscopy of biomolecules at low frequencies: Evidence of proton wires. [Journal of Molecular Liquids](#), 223, 136-140.

44 Favela-Camacho, S. E., Perez-Robles, J. F., Garcia-Casillas, P. E. & Godinez-Garcia, A. (2016). Stability of magnetite nanoparticles with different coatings in a simulated blood plasma. [Journal of Nanoparticle Research](#), 18(7), 176.

45 Jimenez-Sanchez, A., Isunza-Manrique, I., Ramos-Ortiz, G., Rodriguez-Romero, J., Farfan, N. & Santillan, R. (2016). Strong Dipolar Effects on an Octupolar Luminiscent Chromophore: Implications on Their Linear and Nonlinear Optical Properties. [Journal of Physical Chemistry a](#), 120(25), 4314-4324.

46 Toscano-Flores, L. G., Jacinto-Mendez, D. & Carbajal-Tinoco, M. D. (2016). Experimental Determination of High-Order Bending Elastic Constants of Lipid Bilayers. [Journal of Physical Chemistry B](#), 120(25), 5655-5661.

- 47 Pan, S., Saha, R., Mandal, S., Mondal, S., Gupta, A., Fernandez-Herrera, M. A., Merino, G. & Chattaraj, P. K. (2016). Selectivity in Gas Adsorption by Molecular Cucurbit[6]Uril. [Journal of Physical Chemistry C](#), 120(26), 13911-13921.
- 48 Gomis, O., Ortiz, H. M., Sans, J. A., Manjon, F. J., Santamaria-Perez, D., Rodriguez-Hernandez, P. & Munoz, A. (2016). Inbo<sub>3</sub> and Scbo<sub>3</sub> at High Pressures: an Ab Initio Study of Elastic and Thermodynamic Properties. [Journal of Physics and Chemistry of Solids](#), 98, 198-208.
- 49 Gonzalez-Chan, I. J. & Oliva, A. I. (2016). Physicochemical Analysis and Characterization of Chemical Bath Deposited Zns Films at Near Ambient Temperature. [Journal of the Electrochemical Society](#), 163(8), D421-D427.
- 50 Lastire, E. A., Sanchez, E. N., Alanis, A. Y. & Ornelas-Tellez, F. (2016). Passivity Analysis of Discrete-Time Inverse Optimal Control for Trajectory Tracking. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 353(13), 3192-3206.
- 51 Flores-Giron, E., Salazar-Montoya, J. A. & Ramos-Ramirez, E. G. (2016). Application of a Box-Behnken Design for Optimizing the Extraction Process of Agave Fructans (Agave Tequilana Weber Var. Azul). [Journal of the Science of Food and Agriculture](#), 96(11), 3860-3866.
- 52 Alfaro-Martinez, A. D., Hernandez-Calderon, I. & Tamargo, M. C. (2016). Influence of Znse Capping of Cdse Layers in the Growth Mode of Zncdmgse/Cdse/Zncdmgse Heterostructures. [Journal of Vacuum Science & Technology B](#), 34(4), 041218.
- 53 Villa-Martinez, G., Bantli-Barcenas, J. C., Bahena, D., Sutara, F. & Hernandez-Calderon, I. (2016). Nearly Lattice-Matched Zn1-Zcdzse/Zn1-Xcdxse/Zn1-Ymgyse (Z > X) Quantum Wells for Yellow Emission. [Journal of Vacuum Science & Technology B](#), 34(4), 041225.
- 54 Gonzalez, D. M., Flores, T. M. & Castillejos, A. H. (2016). Study of Shell-Mold Thermal Resistance: Laboratory Measurements, Estimation From Compact Strip Production Plant Data, and Observation of Simulated Flux-Mold Interface. [Metallurgical and Materials Transactions B-Process Metallurgy and Materials Processing Science](#), 47(4), 2509-2523.
- 55 Diaz-Alonso, D., Moreno-Moreno, M., Zuniga, C. et al. (2016). Hermetic Capacitive Pressure Sensors for Biomedical Applications. [Microelectronics International](#), 33(2), 79-86.
- 56 Paz, B. C., Casse, M., Barraud, S., Reimbold, G., Faynot, O., Avila-Herrera, F., Cerdeira, A. & Pavanello, M. A. (2016). Drain current model for short-channel triple gate junctionless nanowire transistors. [Microelectronics Reliability](#), 63, 1-10.
- 57 Hernandez-Bedolla, M. A., Gonzalez-Dominguez, E., Zavala-Barrera, C., Gutierrez-Lopez, T. Y., Hidalgo-Moyle, J. J., Vazquez-Prado, J., Sanchez-Torres, C. & Reyes-Cruz, G. (2016). Calcium-sensing-receptor (CaSR) controls IL-6 secretion in metastatic breast cancer MDA-MB-231-ácells by a dual mechanism revealed by agonist and inverse-agonist modulators. [Molecular and Cellular Endocrinology](#), 436, 159-168.

- 58 Sanchez-Huerta, K., Garcia-Martinez, Y., Vergara, P., Segovia, J. & Pacheco-Rosado, J. (2016). Thyroid hormones are essential to preserve non-proliferative cells of adult neurogenesis of the dentate gyrus. [Molecular and Cellular Neuroscience](#), 76, 1-10.
- 59 Borbolla-Vazquez, J., Orozco, E., Medina-Gomez, C., Martinez-Higuera, A., Javier-Reyna, R., Chavez, B., Betanzos, A. & Rodriguez, M. A. (2016). Identification and Functional Characterization of Lysine Methyltransferases of Entamoeba Histolytica. [Molecular Microbiology](#), 101(2), 351-365
- 60 Mendez-Flores, O. G., Hernandez-Kelly, L. C., Suarez-Pozos, E., Najimi, M. & Ortega, A. (2016). Coupling of Glutamate and Glucose Uptake in Cultured Bergmann Glial Cells. [Neurochemistry International](#), 98, 72-81.
- 61 Osuna-Carrasco, L. P., Lopez-Ruiz, J. R., Mendizabal-Ruiz, E. G., De la Torre-Valdovinos, B., Banuelos-Pineda, J., Jimenez-Estrada, I. & Duenas-Jimenez, S. H. (2016). Quantitative Analysis of Hindlimbs Locomotion Kinematics in Spinalized Rats Treated With Tamoxifen Plus Treadmill Exercise. [Neuroscience](#), 333, 151-161.
- 62 Guangorena-Gomez, J. O., Maravilla-Dominguez, A., Garcia-Arenas, G., Cervantes-Flores, M., Meza-Velazquez, R., Rivera-Guillen, M., Acosta-Saavedra, L. C. & Goytia-Acevedo, R. C. (2016). Modulation of the Immune Response by Infection With Cryptosporidium Spp. In Children With Allergic Diseases. [Parasite Immunology](#), 38(8), 468-480.
- 63 Rojas-Sanchez, S., Figueroa-Angulo, E., Moreno-Campos, R., Florencio-Martinez, L. E., Manning-Cela, R. G. & Martinez-Calvillo, S. (2016). Transcription of Leishmania Major U2 Small Nuclear Rna Gene Is Directed by Exogenous Sequences Located Within a Trna-Like and a Trna-Ala Gene. [Parasites & Vectors](#), 9, 401.
- 64 Lohan, K. M. P., Hill-Spanik, K. M., Torchin, M. E., Aguirre-Macedo, L., Fleischer, R. C. & Ruiz, G. M. (2016). Richness and Distribution of Tropical Oyster Parasites in Two Oceans. [Parasitology](#), 143(9), 1119-1132.
- 65 Rodriguez, J. L., Villavelazquez-Mendoza, C. I., Valladares-Vadillo, L., Hodgkins, R. P., Ibarra-Galvan, V., Mendoza-Barraza, S. S., Santoyo-Salazar, J., Cabrera-Lara, L. & Emparan-Legaspi, M. J. (2016). Novel System (K2tif6-N-2-Ti) to Synthesize Rod-Like Tin Nanopowders. [Particulate Science and Technology](#), 34(3), 324-331.
- 66 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2016). B-S(0) Lifetime Measurement in the Cp-Odd Decay Channel B-S(0) -> J/Psi F(0)(980). [Physical Review D](#), 94(1), 012001.
- 67 Sarmiento-Gomez, E., Villanueva-Valencia, J. R., Herrera-Velarde, S., Ruiz-Santoyo, J. A., Santana-Solano, J., Arauz-Lara, J. L. & Castaneda-Priego, R. (2016). Short-Time Dynamics of Monomers and Dimers in Quasi-Two-Dimensional Colloidal Mixtures. [Physical Review E](#), 94(1), 012608.
- 68 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2016). Evidence for a B-S(0)Pi(+/-) State. [Physical Review Letters](#), 117(2), 022003.

- 69 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Resonant Production of High-Mass Photon Pairs in Proton-Proton Collisions at Root S=8 and 13 Tev. [Physical Review Letters](#), 117(5), 051802.
- 70 Manko, V. S. & Ruiz, E. (2016). On Electromagnetic Energy in Bardeen and Abg Spacetimes. [Physics Letters B](#), 760, 759-762.
- 71 Swanson, W. F., Valle, R. R., Carvalho, F. M., Arakaki, P. R., Rodas-Martinez, A. Z., Muniz Japc & Garcia-Herreros, M. (2016). Sperm Morphology Assessment in Captive Neotropical Primates. [Reproduction in Domestic Animals](#), 51(4), 623-627.
- 72 Gonzalez-Olvera, R., Urquiza-Castro, C. I., Negron-Silva, G. E., Angeles-Beltran, D., Lomas-Romero, L., Gutierrez-Carrillo, A., Lara, V. H., Santillan, R. & Morales-Serna, J. A. (2016). Cu-Al Mixed Oxide Catalysts for Azide-Alkyne 1,3-Cycloaddition in Ethanol-Water. [Rsc Advances](#), 6(68), 63660-63666.
- 73 Reyes-Rodriguez, J. L., Solorza-Feria, O., Garcia-Bernabe, A., Gimenez, E., Sahuquillo, O. & Compan, V. (2016). Conductivity of Composite Membrane-Based Poly(Ether-Ether-Ketone) Sulfonated (Speek) Nanofiber Mats of Varying Thickness. [Rsc Advances](#), 6(62), 56986-56999.
- 74 Gonzalez-De la Cruz, G. (2016). Influence of Polar and Metallic Substrates on the Surface Plasmon in Semi-Infinite Superlattice Graphene Structures. [Solid State Communications](#), 245, 75-80.
- 75 Rodriguez-Guerrero, L., Kharitonov, V. L. & Mondie, S. (2016). Robust stability of dynamic predictor based control laws for input and state delay systems. [Systems & Control Letters](#), 96, 95-102.
- 76 Elyukhin, V. A. (2016). 4c10sn Clusters in Ge-Rich Cxsnyge1-X - Y Dilute Alloys. [Thin Solid Films](#), 613, 29-31.
- 77 Morales-Luna, M., Arvizu, M. A., Granqvist, C. G. & Niklasson, G. A. (2016). Electrochromic Properties of W1-X-Ynixtiy03 Thin Films Made by Dc Magnetron Sputtering. [Thin Solid Films](#), 615, 292-299.
- 78 Heil, M. (2016). Nightshade Wound Secretion: the World's Simplest Extrafloral Nectar? [Trends in Plant Science](#), 21(8), 637-638.
- 79 Leon-Silva, S., Fernandez-Luqueno, F. & Lopez-Valdez, F. (2016). Silver Nanoparticles (Agnp) in the Environment: a Review of Potential Risks on Human and Environmental Health. [Water Air and Soil Pollution](#), 227(9), 306.
- 80 Soria, F. R. C., Garcia, J. S. & Michel, R. P. (2016). Multiuser Mimo Downlink Transmission Using Ssk and Orthogonal Walsh Codes. [Wireless Personal Communications](#), 89(4), 1089-1102.

**[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXENSO EN OTRAS REVISTAS ESPECIALIZADAS  
(INCLUÍDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)**

81 Carro-Juarez, M. & Rodriguez-Manzo, G. (2016). The spinal pattern generator for ejaculation exhibits oscillatory activity in the spinal male rat. [Austin Andrology](#), 1(1), 1004.

82 Vargas, L. T. & Candela, A. (2016). Comparison of the Implementation of an Educational Proposal Designed by Two Teachers. [Cpu-E Revista De Investigacion Educativa](#), (23), 99-120.

83 Gonzalez-Mariscal, L., Miranda, J., Ortega-Olvera, J. M., Gallego-Gutierrez, H., Raya-Sandino, A. & Vargas-Sierra, O. (2016). Involvement of Tight Junction Plaque Proteins in Cancer. [Current Pathobiology Reports](#), 4(3), 117-133.

84 Gonzalez-Mariscal, L., Miranda, J., Ortega-Olvera, J. M., Gallego-Gutierrez, H., Raya-Sandino, A. & Vargas-Sierra, O. (2016). Zonula Occludens Proteins in Cancer. [Current Pathobiology Reports](#), 4(3), 107-116.

85 Deciga-Campos, M., Navarrete-Vazquez, G., Lopez-Munoz, F. J., Librowski, T., Sanchez-Recillas, A., Yanez-Perez, V. & Ortiz-Andrade, R. (2016). Complementary pharmacological and toxicological characterization data on the pharmacological profile of N-(2,6-dichlorophenyl)-2-(4-methyl-1-piperidinyl) acetamide. [Data in Brief](#), 8, 1007-1012.

86 Macias-Martinez, B. I., Cortes-Hernandez, D. A., Zugasti-Cruz, A., Cruz-Ortiz, B. R. & Muzquiz-Ramos, E. M. (2016). Heating ability and hemolysis test of magnetite nanoparticles obtained by a simple co-precipitation method. [Journal of Applied Research and Technology](#), 14(4), 239-244.

#### **[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES**

87 Lopez-Mellado, E. (2016). Special Section on Dependable Control of Discrete Systems. [Annual Reviews in Control](#), 41, 133-134.

88 Calla-Choque, J. S., Figueroa-Angulo, E. E., Avila-Gonzalez, L. & Arroyo, R. (2016). Alpha-Actinin Tvactn3 of Trichomonas Vaginalis Is an Rna-Binding Protein That Could Participate in Its Posttranscriptional Iron Regulatory Mechanism (Vol 2014, 424767, 2014). [Biomed Research International](#), 2016, 2676598.

89 Meraz-Rios, M. A., Guevara-Guzman, R., Carvajal, K. G. & Campos-Pena, V. (2016). Editorial : Neurodegeneration : From Genetics to Molecules. [Frontiers in Cellular Neuroscience](#), 10, 187.

90 Lopez-Honorato, E., Sierra, R. & Gonzalez, R. L. (2016). In Focus: Materials and the Environment Symposium. [Journal of Chemical Technology and Biotechnology](#), 91(8), 2147.

91 Arwin, H., Mendoza-Galvan, A., Magnusson, R., Andersson, A., Landin, J., Jarrendahl, K., Garcia-Caurel, E. & Ossikovski, R. (2016). Structural Circular Birefringence and Dichroism Quantified by Differential Decomposition of Spectroscopic Transmission Mueller Matrices From Cetonia Aurata. [Optics Letters](#), 41(14), 3293-3296.

92 Chao, A., Lujan-Montelongo, J. A. & Fleming, F. F. (2016). Isocyano Enones: Addition-Cyclization Cascade to Oxazoles. [Organic Letters](#), 18(13), 3062-3065.

## **[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS**

93 Juaristi, E. (2016). Theoretical evidence for the relevance of  $n(F) \rightarrow [\sigma]f^*(C-X)$  ( $X = H, C, O, S$ ) stereoelectronic interactions. Abstracts of Papers of the American Chemical Society, ORGN-328.

94 Luna-Ixmatlahua, R. A., Cervantes, R. & Tiburcio, J. (2016). Threaded and non-threaded host-guest complexes based on bipyridinium and sulfonated crown ether species in aqueous solution. Abstracts of Papers of the American Chemical Society, ORGN-523.

95 Garcia-Ponce, A., Citalan-Madrid, A. F., Vargas-Robles, H., Betanzos, A., Nava, P., Zarbock, A., Rottner, K., Vestweber, D. & Schnoor, M. (2016). Loss of cortactin causes endothelial barrier dysfunction via disturbed adrenomedullin secretion and actomyosin contractility. [Faseb Journal](#), 30(1), 1177.7.

96 Baeza, C. W., Mora, A. R., Tescucano, A., Landa, C., Zarate, L. A., Wong, C., Baeza, I. & Romo, L. F. (2016). B Cells Respond Via Germinal Centers to Produce Anti-Lipid IgG Antibodies in a Murine Model of Lupus. [Journal of Immunology](#), 196, 195.2.

97 Deberg, H. A., Zaidi, M. B., Khaenam, P., Gersuk, V., Linsley, P. S. & Estrada-Garcia, T. (2016). Blood Transcriptional Profiling of Childhood Diarrheal Diseases Identifies Gene Signatures of Shigella and Rotavirus Infections. [Journal of Immunology](#), 196, 66.15.

98 Gonzalez-Espinosa, C., Ibarra-Sanchez, A., Avila, A. M. et al. (2016). Protein Tyrosine Kinase Fyn Regulates Tlr4-Elicited Responses on Mast Cells Controlling the Function of a Pp2a-Pkc a/B Signaling Node Leading to Tnf Secretion. [Journal of Immunology](#), 196, .

99 Saldivar, C. E. L., Resendiz, A., Zarate, L. A., Hernandez, T., Sanchez, S., Flores-Romo, L., Wong-Ramirez, C., Baeza-Ramirez, I. & Wong-Baeza, C. (2016). Participation of Plasmacytoid Dendritic Cells and Nkt Cells in the Mouse Model of Lupus Induced by Non-Bilayer Phospholipid Arrangements. [Journal of Immunology](#), 196, .

## **[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS**

100 Cerdeira, A., Estrada, M., Marsal, L. F., Pallares, J. & Iniguez, B. (2016). On the series resistance in staggered amorphous thin film transistors. [Microelectronics Reliability](#), 63, 325-335.

101 Cruz-Santos, M. C., Aragon-Raygoza, A., Espinal-Centeno, A., Arteaga-Vazquez, M., Cruz-Hernandez, A., Bako, L. & Cruz-Ramirez, A. (2016). The Role of Micrornas in Animal Cell Reprogramming. [Stem Cells and Development](#), 25(14), 1035-1049.

102 MaassenVanDenBrink, A., Meijer, J., Villalon, C. M. & Ferrari, M. D. (2016). Wiping Out Cgrp: Potential Cardiovascular Risks. [Trends in Pharmacological Sciences](#), 37(9), 779-788.

## ARTÍCULOS DEL MES DE SEPTIEMBRE DE 2016

### **[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXLENDO EN REVISTAS INCLUIDAS EN JCR**

- 1 Adhikari, S., Garcia-Castro, A. C., Romero, A. H., Lee, H., Lee, J. W., Ryu, S., Eom, C. B. & Cen, C. (2016). Charge Transfer to Laalo3/Srtio3 Interfaces Controlled by Surface Water Adsorption and Proton Hopping. [Advanced Functional Materials](#), 26(30), 5453-5459.
- 2 Cano-Ramirez, C., Santiago-Hernandez, A., Rivera-Orduna, F. N., Garcia-Huante, Y., Zuniga, G. & Hidalgo-Lara, M. E. (2016). Expression, Purification and Characterization of an Endoglucanase From Serratia Proteamaculans Cdbb-1961, Isolated From the Gut of Dendroctonus Adjunctus (Coleoptera: Scolytinae). [Amb Express](#), 6, 63.
- 3 Hernandez-Perez, R., Fan, Z. H. & Garcia-Cordero, J. L. (2016). Evaporation-Driven Bioassays in Suspended Droplets. [Analytical Chemistry](#), 88(14), 7312-7317.
- 4 Ramos-Garza, J., Rodriguez-Tovar, A. V., Flores-Cotera, L. B., Rivera-Orduna, F. N., Vasquez-Murrieta, M. S., Ponce-Mendoza, A. & Wang, E. T. (2016). Diversity of Fungal Endophytes From the Medicinal Plant Dendropanax Arboreus in a Protected Area of Mexico. [Annals of Microbiology](#), 66(3), 991-1002.
- 5 Mendoza-Trejo, O. & Cruz-Villar, C. A. (2016). Modelling and experimental validation of a planar 2-dof cobot as a differential-algebraic equation system. [Applied Mathematical Modelling](#), 40(21-22), 9327-9341.
- 6 Rodriguez-Uicab, O., Aviles, F., Gonzalez-Chi, P. I. et al. (2016). Deposition of Carbon Nanotubes Onto Aramid Fibers Using as-Received and Chemically Modified Fibers. [Applied Surface Science](#), 385, 379-390.
- 7 Ulloa-Martinez, M., Burguete-Garcia, A. I., Murugesan, S., Hoyo-Vadillo, C., Cruz-Lopez, M. & Garcia-Mena, J. (2016). Expression of Candidate Genes Associated With Obesity in Peripheral White Blood Cells of Mexican Children. [Archives of Medical Science](#), 12(5), 968-976.
- 8 Lopez-Zavala, A. A., Carrasco-Miranda, J. S., Ramirez-Aguirre, C. D. et al. (2016). Structural insights from a novel invertebrate triosephosphate isomerase from Litopenaeus vannamei. [Biochimica Et Biophysica Acta-Proteins and Proteomics](#), 1864(12), 1696-1706.
- 9 Medina-Rivero, E., Vallejo-Castillo, L., Vazquez-Leyva, S., Perez-Sanchez, G., Favari, L., Velasco-Velazquez, M., Estrada-Parra, S., Pavon, L. & Perez-Tapia, S. M. (2016). Physicochemical Characteristics of Transferon (Tm) Batches. [Biomed Research International](#), 2016, 7935181.
- 10 Pacheco, C. G. (2016). Green Kernel for a Random Schrodinger Operator. [Communications in Contemporary Mathematics](#), 18(5), 1550082.

- 11 Colli-Dula, R. C., Martyniuk, C. J., Streets, S., Denslow, N. D. & Lehr, R. (2016). Molecular Impacts of Perfluorinated Chemicals (Pfass) in the Liver and Testis of Male Largemouth Bass (*Micropterus Salmoides*) in Minnesota Lakes. [Comparative Biochemistry and Physiology D-Genomics & Proteomics](#), 19, 129-139.
- 12 De La Cerda-Pedro, J. E., Arcos-Ramos, R., Maldonado-Dominguez, M., Rojas-Lima, S., Romero-Avila, M., Carreon-Castro, M. P., Santillan, R., Farfan, N. & Lopez-Ruiz, H. (2016). Engineering Organic Semiconducting Solids. Multicomponent Access to Crystalline 3-(4-Aryl-1,2,3-Triazolyl)Coumarins. [Crystengcomm](#), 18(29), 5562-5571.
- 13 Martinez-Aquino, A. (2016). Phylogenetic Framework for Coevolutionary Studies: a Compass for Exploring Jungles of Tangled Trees. [Current Zoology](#), 62(4), 393-403.
- 14 Corona-Ramos, J. N., De La O-Arciniega, M., Deciga-Campos, M., Medina-Lopez, J. R., Dominguez-Ramirez, A. M., Jaramillo-Morales, O. A., Espinosa-Juarez, J. V. & Lopez-Munoz, F. J. (2016). The Antinociceptive Effects of Tramadol and/or Gabapentin on Rat Neuropathic Pain Induced by a Chronic Constriction Injury. [Drug Development Research](#), 77(5), 217-226.
- 15 Perales-Vela, H. V., Garcia, R. V., Gomez-Juarez, E. A., Salcedo-Alvarez, M. O. & Canizares-Villanueva, R. O. (2016). Streptomycin Affects the Growth and Photochemical Activity of the Alga *Chlorella Vulgaris*. [Ecotoxicology and Environmental Safety](#), 132, 311-317.
- 16 Banuelos-Cabral, E. S., Gustavsen, B., Gutierrez-Robles, J. A., Hoidalen, H. K. & Naredo, J. L. (2016). Computational Efficiency Improvement of the Universal Line Model by Use of Rational Approximations With Real Poles. [Electric Power Systems Research](#), 140, 424-434.
- 17 Prokhorov, E., Luna-Barcenas, G., Gonzalez-Campos, J. B., Kovalenko, Y., Garcia-Carvajal, Z. Y. & Mota-Morales, J. (2016). Proton conductivity and relaxation properties of chitosan-acetate films. [Electrochimica Acta](#), 215, 600-608.
- 18 Morales-Camacho, J. I., Paredes-Lopez, O., Espinosa-Hernandez, E., Velasco, D. A. F. & Luna-Suarez, S. (2016). Expression, Purification and Thermal Stability Evaluation of an Engineered Amaranth Protein Expressed in *Escherichia Coli*. [Electronic Journal of Biotechnology](#), 22, 44-51.
- 19 Schutze, O., Dominguez-Medina, C., Cruz-Cortes, N., De La Fraga, L. G., Sun, J. Q., Toscano, G. & Landa, R. (2016). A Scalar Optimization Approach for Averaged Hausdorff Approximations of the Pareto Front. [Engineering Optimization](#), 48(9), 1593-1617.
- 20 Ramirez-Reyes, A., Hernandez-Montoya, A. R., Herrera-Corral, G. & Dominguez-Jimenez, I. (2016). Determining the Entropic Index Q of Tsallis Entropy in Images Through Redundancy. [Entropy](#), 18(8), 299.
- 21 Merida-Ortega, A., Hernandez-Alcaraz, C., Hernandez-Ramirez, R. U. et al. (2016). Phthalate exposure, flavonoid consumption and breast cancer risk among Mexican women. [Environment International](#), 96, 167-172.

- 22 Cardenas-Manriquez, G., Vega-Munoz, I., Villagomez-Aranda, A. L., Leon-Galvan, M. F., Cruz-Hernandez, A., Torres-Pacheco, I., Rangel-Cano, R. M., Rivera-Bustamante, R. F. & Guevara-Gonzalez, R. G. (2016). Proteomic and Metabolomic Profiles in Transgenic Tobacco (N-Tabacum Xanthi Nc) to Cchglp From Capsicum Chinense Bg-3821 Resistant to Biotic and Abiotic Stresses. [Environmental and Experimental Botany](#), 130, 33-41.
- 23 Cobos-Puc, L. E., Sanchez-Lopez, A. & Centurion, D. (2016). Pharmacological analysis of the cardiac sympatho-inhibitory actions of moxonidine and agmatine in pithed spontaneously hypertensive rats. [European Journal of Pharmacology](#), 791, 25-36.
- 24 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of Inclusive Jet Production and Nuclear Modifications in Pb Collisions at Root S(Nn)=5.02 TeV. [European Physical Journal C](#), 76(7), 372.
- 25 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of T(T)Over-Bar Production With Additional Jet Activity, Including B Quark Jets, in the Dilepton Decay Channel Using Pp Collisions at Root S=8tev. [European Physical Journal C](#), 76(7), 379.
- 26 Andreev, V., Baghdasaryan, A., Begzsuren, K. et al. (2016). Search for Qcd Instanton-Induced Processes at Hera in the High-Q(2) Domain. [European Physical Journal C](#), 76(7), 381.
- 27 Rodriguez-Leal, D., Castillo-Cobian, A., Rodriguez-Arevalo, I. & Vielle-Calzada, J. P. (2016). A Primary Sequence Analysis of the Argonaute Protein Family in Plants. [Frontiers in Plant Science](#), 7, 1347.
- 28 Sanchez, R., Huerta, A. & Aguirre-Manzo, L. A. (2016). Dynamics and Orientational Order of a Charged Granular Fluid. [Granular Matter](#), 18(3), 48.
- 29 Ramirez-Wong, D. G., Ramirez-Cardona, M., Sanchez-Leija, R. J. et al. (2016). Sustainable-Solvent-Induced Polymorphism in Chitin Films. [Green Chemistry](#), 18(15), 4303-4311.
- 30 Ayala-Sarmiento, A. E., Estudillo, E., Perez-Sanchez, G., Sierra-Sanchez, A., Gonzalez-Mariscal, L., Martinez-Fong, D. & Segovia, J. (2016). Gas1 Is Present in the Cerebrospinal Fluid and Is Expressed in the Choroid Plexus of the Adult Rat. [Histochemistry and Cell Biology](#), 146(3), 325-336.
- 31 Dominguez-Ordonez, R., Garcia-Juarez, M., Lima-Hernandez, F. J., Gomora-Arrati, P., Blaustein, J. D., Etgen, A. M. & Gonzalez-Flores, O. (2016). Estrogen receptor Alpha and Beta are involved in the activation of lordosis behavior in estradiol-primed rats. [Hormones and Behavior](#), 86, 1-7.
- 32 Martinez-Gomez, V. J., Fuentes-Aceituno, J. C., Perez-Garibay, R. & Lee, J. C. (2016). A Phenomenological Study of the Electro-Assisted Reductive Leaching of Chalcopyrite. [Hydrometallurgy](#), 164, 54-63.
- 33 Santiago, S. D., Garcia, G. G., Henriquez, L. M. R. & Cortes, N. C. (2016). A Brief Introduction to Provable Security. [Ieee Latin America Transactions](#), 14(5), 2323-2332.
- 34 Rios, A. B., Lopez, I. & Tello, E. (2016). The Acquisition of Axioms for Ontology Learning Using Named Entities. [Ieee Latin America Transactions](#), 14(5), 2498-2503.

35 Tello-Leal, E., Villarreal, P. D., Chiotti, O., Rios-Alvarado, A. B. & Lopez-Arevalo, I. (2016). A Technological Solution to Provide Integrated and Process-Oriented Care Services in Healthcare Organizations. [Ieee Transactions on Industrial Informatics](#), 12(4), 1508-1518.

36 Pena-Campos, F., Parra-Michel, R. & Kontorovich, V. (2016). A Low Complexity Multi-Carrier System Over Doubly Selective Channels Using Virtual-Trajectories Receiver. [Ieee Transactions on Wireless Communications](#), 15(8), 5206-5217.

37 Mazhari, S. M., Kouhsari, S. M., Ramirez, A. & Karami, E. (2016). Interfacing Transient Stability and Extended Harmonic Domain for Dynamic Harmonic Analysis of Power Systems. [Iet Generation Transmission & Distribution](#), 10(11), 2720-2730.

38 Altamirano-Gomez, G. E. & Bayro-Corrochano, E. (2016). Conformal Geometric Method for Voting. [Intelligent Data Analysis](#), 20, S69-S82.

39 Rosales-Perez, A., Gonzalez, J. A., Coello, C. A. C., Reyes-Garcia, C. A. & Escalante, H. J. (2016). Emopg Plus Fs: Evolutionary Multi-Objective Prototype Generation and Feature Selection. [Intelligent Data Analysis](#), 20, S37-S51.

40 Lopez-Gonzalez, G., Arana-Daniel, N. & Bayro-Corrochano, E. (2016). Quaternion Support Vector Classifier. [Intelligent Data Analysis](#), 20, S109-S119.

41 Perez-Moreno, L., Nino-Mendoza, G. H., Leon-Galvan, M. F. & Navarro-Leon, M. J. (2016). Pathogenic Viral Complexes Detected in Lettuce by Elisa and Confirmed by Rt-Pcr. [Interciencia](#), 41(8), 561-567.

42 Diaz-Santiago, S., Rodriguez-Henriquez, L. M. & Chakraborty, D. (2016). A Cryptographic Study of Tokenization Systems. [International Journal of Information Security](#), 15(4), 413-432.

43 Marquez-Herrera, A., Bermudez-Rodriguez, G., Hernandez-Rodriguez, E. N., Melendez-Lira, M. & Zapata-Torres, M. (2016). Boride Coating on the Surface of Wc-Co-Based Cemented Carbide. [International Journal of Materials Research](#), 107(7), 676-679.

44 Rojas-Lima, J. E., Dominguez-Pacheco, A., Hernandez-Aguilar, C. & Cruz-Orea, A. (2016). Statistical Analysis of Photopyroelectric Signals Using Histogram and Kernel Density Estimation for Differentiation of Maize Seeds. [International Journal of Thermophysics](#), 37(9), 98.

45 Andrade-Arvizu, J. A., Garcia-Sanchez, M. F., Courel-Piedrahita, M., Pulgarin-Agudelo, F., Santiago-Jaimes, E., Valencia-Resendiz, E., Arce-Plaza, A. & Vigil-Galan, O. (2016). Suited growth parameters inducing type of conductivity conversions on chemical spray pyrolysis synthesized SnS thin films. [Journal of Analytical and Applied Pyrolysis](#), 121, 347-359.

46 Valencia-Sanchez, M. I., Rodriguez-Hernandez, A., Ferreira, R. et al. (2016). Structural Insights Into the Polyphyletic Origins of Glycyl Trna Synthetases. [Journal of Biological Chemistry](#), 291(28), 14430-14446.

Ghara, M., Pan, S., Kumar, A., Merino, G. & Chattaraj, P. K. (2016). Structure, Stability, and Nature of Bonding in Carbon Monoxide Bound Ex<sup>3+</sup> Complexes (E=Group 14 Element; X=H, F, Cl, Br, I). [Journal of Computational Chemistry](#), 37(24), 2202-2211.

48 Rhouati, A., Hayat, A., Mishra, R. K., Bueno, D., Shahid, S. A., Munoz, R. & Marty, J. L. (2016). Ligand Assisted Stabilization of Fluorescence Nanoparticles; an Insight on the Fluorescence Characteristics, Dispersion Stability and Dna Loading Efficiency of Nanoparticles. [Journal of Fluorescence](#), 26(4), 1407-1414.

49 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Measurement of D-Meson Production Versus Multiplicity in P-Pb Collisions at Root S(Nn)=5.02 Tev. [Journal of High Energy Physics](#), (8), 078.

50 Tomas-Sanchez, C., Blanco-Alvarez, V. M., Gonzalez-Barrios, J. A. et al. (2016). Prophylactic Chronic Zinc Administration Increases Neuroinflammation in a Hypoxia-Ischemia Model. [Journal of Immunology Research](#), 2016, 4039837.

51 Liu, F., Cai, P., Metushi, I., Li, J. Z., Nakayawa, T., Vega, L. & Utrecht, J. (2016). Exploring an Animal Model of Amodiaquine-Induced Liver Injury in Rats and Mice. [Journal of Immunotoxicology](#), 13(5), 694-712.

52 Banuelos-Hernandez, A. E., Garcia-Gutierrez, H. A., Fragoso-Serrano, M. & Mendoza-Espinoza, J. A. (2016). Conformational and Reactivity Study of Dithiophenyl-Fucosyl Ketals With Theoretical Chemical Methods. [Journal of Molecular Modeling](#), 22(9), 212.

53 Martinez-Gonzalez, E., Gonzalez, F. J., Ascenso, J. R., Marcos, P. M. & Frontana, C. (2016). Competition Between Hydrogen Bonding and Proton Transfer During Specific Anion Recognition by Dihomooxacalix[4]Arene Bidentate Ureas. [Journal of Organic Chemistry](#), 81(15), 6329-6335.

54 Salvador-Figueroa, M., Ruiz-Valdiviezo, V. M., Rogel-Hernandez, M. A., Gutierrez-Miceli, F. A., Rincon-Molina, C. I., Dendoveen, L. & Rincon-Rosales, R. (2016). Rhizobium Strain, a Banana (*Musa* Spp.)-Associated Bacterium With a High Potential as Biofertilizer. [Journal of Plant Nutrition](#), 39(10), 1449-1459.

55 Maldonado-Ramirez, A. & Torres-Mendez, L. A. (2016). Robotic Visual Tracking of Relevant Cues in Underwater Environments With Poor Visibility Conditions. [Journal of Sensors](#), 2016, 4265042.

56 Perez-Alcocer, R., Torres-Mendez, L. A., Olgun-Diaz, E. & Maldonado-Ramirez, A. A. (2016). Vision-Based Autonomous Underwater Vehicle Navigation in Poor Visibility Conditions Using a Model-Free Robust Control. [Journal of Sensors](#), 2016, 8594096.

57 Munoz, M. A., Gonzalez, N. & Joseph-Nathan, P. (2016). Enantiomeric High-Performance Liquid Chromatography Resolution and Absolute Configuration of 6 Beta-Benzoyloxy-3 Alpha-Tropanol. [Journal of Separation Science](#), 39(14), 2720-2727.

58 Kubli-Garfias, C., Lima-Hernandez, F. J., Vazquez-Ramirez, R., Gomora-Arrati, P., Garcia-Juarez, M. & Gonzalez-Flores, O. (2016). The Importance of the Chemical Structure of Pregnanes in the Concurrent Inhibition of Estrous Behavior in the Female Rat. [Journal of Steroid Biochemistry and Molecular Biology](#), 163, 51-58.

59 Pantoja-Hernandez, L., Alvarez-Buylla, E., Aguilar-Ibanez, C. F., Garay-Arroyo, A., Soria-Lopez, A. & Martinez-Garcia, J. C. (2016). Retroactivity effects dependency on the transcription factors binding mechanisms. [Journal of Theoretical Biology](#), 410, 77-106.

60 Lugo, J. M. & Oliva, A. I. (2016). Thermal Diffusivity and Thermal Conductivity of Copper Thin Films at Ambient Conditions. [Journal of Thermophysics and Heat Transfer](#), 30(3), 481-489.

61 Debray-Garcia, Y., Sanchez, E. I., Rodriguez-Munoz, R., Venegas, M. A., Velazquez, J. & Reyes, J. L. (2016). Diabetes and Exposure to Peritoneal Dialysis Solutions Alter Tight Junction Proteins and Glucose Transporters of Rat Peritoneal Mesothelial Cells. [Life Sciences](#), 161, 78-89.

62 Ortega, J. J., Ortiz-Hernandez, A. A., Berumen-Torres, J., Escobar-Galindo, R., Mendez-Garcia, V. H. & Araiza, J. J. (2016). Ag-N Dual Acceptor Doped P-Type ZnO Thin Films by DC Reactive Magnetron Co-Sputtering. [Materials Letters](#), 181, 12-15.

63 Franco-Linton, B., Castanedo-Perez, R., Torres-Delgado, G., Marquez-Marin, J. & Zelaya-Angel, O. (2016). Influence of vacuum and Ar/CdS atmospheres-rapid thermal annealing (RTA) on the properties of Cd<sub>2</sub>SnO<sub>4</sub> thin films obtained by sol-gel technique. [Materials Science in Semiconductor Processing](#), 56, 302-306.

64 Hernandez-Granados, A., Escoria-Garcia, J., Perez-Martinez, D., Garcia-Cerrillo, J., Menchaca-Campos, C. & Hu, H. (2016). Sb<sub>2</sub>(SxSe<sub>1-x</sub>)<sub>3</sub> sensitized solar cells prepared by solution deposition methods. [Materials Science in Semiconductor Processing](#), 56, 222-227.

65 Madrigal, J. A. B., Cardiel, E., Rogeli, P., Salas, L. L. & Guerrero, R. M. (2016). Evaluation of Suitability of a Micro-Processing Unit of Motion Analysis for Upper Limb Tracking. [Medical Engineering & Physics](#), 38(8), 793-800.

66 Cervantes-Chavez, J. A., Valdes-Santiago, L., Bakkeren, G., Hurtado-Santiago, E., Leon-Ramirez, C. G., Esquivel-Naranjo, E. U., Landeros-Jaime, F., Rodriguez-Aza, Y. & Ruiz-Herrera, J. (2016). Trehalose Is Required for Stress Resistance and Virulence of the Basidiomycota Plant Pathogen *Ustilago Maydis*. [Microbiology-Sgm](#), 162, 1009-1022.

67 Franco-Robles, E. & Lopez, M. G. (2016). Agavins Increase Neurotrophic Factors and Decrease Oxidative Stress in the Brains of High-Fat Diet-Induced Obese Mice. [Molecules](#), 21(8), 998.

68 Sumagin, R., Brazil, J. C., Nava, P. et al. (2016). Neutrophil Interactions With Epithelial-Expressed Icam-1 Enhances Intestinal Mucosal Wound Healing. [Mucosal Immunology](#), 9(5), 1151-1162.

69 Montejo-Lopez, W., Rivera-Ramirez, N., Escamilla-Sanchez, J., Garcia-Hernandez, U. & Arias-Montano, J. A. (2016). Heterologous, Pkc-Mediated Desensitization of Human Histamine H-3 Receptors Expressed in CHO-K1 Cells. [Neurochemical Research](#), 41(9), 2415-2424.

- 70 Flores-Mendez, M., Mendez-Flores, O. G. & Ortega, A. (2016). Glia Plasma Membrane Transporters: Key Players in Glutamatergic Neurotransmission. [Neurochemistry International](#), 98, 46-55.
- 71 Escalona-Montano, A. R., Ortiz-Lozano, D. M., Rojas-Bernabe, A. et al. (2016). Leishmania Mexicana: Promastigotes and Amastigotes Secrete Protein Phosphatases and This Correlates With the Production of Inflammatory Cytokines in Macrophages. [Parasitology](#), 143(11), 1409-1420.
- 72 Sanchez, V., Serrano-Luna, J., Ramirez-Moreno, E., Tsutsumi, V. & Shibayama, M. (2016). Entamoeba histolytica: Overexpression of the gal/galnac lectin, ehcp2 and ehcp5 genes in an in vivo model of amebiasis. [Parasitology International](#), 65(6, Part A), 665-667.
- 73 Oliva-Aviles, A. I., Zozulya, V. V., Gamboa, F. & Aviles, E. (2016). Dynamic Evolution of Interacting Carbon Nanotubes Suspended in a Fluid Using a Dielectrophoretic Framework. [Physica E-Low-Dimensional Systems & Nanostructures](#), 83, 7-21.
- 74 Flores-Lopez, N. S., Cortez-Valadez, M., Moreno-Ibarra, G. M. et al. (2016). Silver Nanoparticles and Silver Ions Stabilized in NaCl Nanocrystals. [Physica E-Low-Dimensional Systems & Nanostructures](#), 84, 482-488.
- 75 Cifuentes-Quintal, M. E., De La Pena-Seaman, O., Heid, R., De Coss, R. & Bohnen, K. P. (2016). Uniaxial Strain-Induced Kohn Anomaly and Electron-Phonon Coupling in Acoustic Phonons of Graphene. [Physical Review B](#), 94(8), 085401.
- 76 Chen, P., Ding, G. J., Gonzalez-Canales, F. & Valle, J. W. F. (2016). Classifying Cp Transformations According to Their Texture Zeros: Theory and Implications. [Physical Review D](#), 94(3), 033002.
- 77 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2016). Measurement of the Top Quark Mass Using the Matrix Element Technique in Dilepton Final States. [Physical Review D](#), 94(3), 032004.
- 78 Rajan, A., Courtoy, A., Engelhardt, M. & Liuti, S. (2016). Parton Transverse Momentum and Orbital Angular Momentum Distributions. [Physical Review D](#), 94(3), 034041.
- 79 Escribano, R., Gonzalez-Solis, S. & Roig, P. (2016). Predictions on the Second-Class Current Decays  $\text{Tau}(-) \rightarrow \text{Pi}(-)\text{Eta}(0')\text{Nu}(\text{Tau})$ . [Physical Review D](#), 94(3), 034008.
- 80 Canas, B. C., Garces, E. A., Miranda, O. G., Tortola, M. & Valle, J. W. F. (2016). The weak mixing angle from low energy neutrino measurements: A global update. [Physics Letters B](#), 761, 450-455.
- 81 Perez-Farrera, M. A., Vovides, A. P., Ruiz-Castillejos, C., Galicia, S., Cibrian-Jaramillo, A. & Lopez, S. (2016). Anatomy and Morphology Suggest a Hybrid Origin of Zamia Katzeriana (Zamiaceae). [Phytotaxa](#), 270(3), 161-181.
- 82 Sebastian, J., Yee, M. C., Viana, W. G. et al. (2016). Grasses Suppress Shoot-Borne Roots to Conserve Water During Drought. [Proceedings of the National Academy of Sciences of the United States of America](#), 113(31), 8861-8866.

- 83 Bouzas, A. O. (2016). The Wigner-Eckart Theorem for Reducible Symmetric Cartesian Tensor Operators. [Reports on Mathematical Physics](#), 78(1), 69-105.
- 84 Rubio-Casillas, A. & Fernandez-Guasti, A. (2016). The Dose Makes the Poison: From Glutamate-Mediated Neurogenesis to Neuronal Atrophy and Depression. [Reviews in the Neurosciences](#), 27(6), 599-622.
- 85 Calderon, C., Gordillo, G., Banguero, E., Bartolo-Perez, P. & Botero, M. (2016). Study of Photoelectric Properties of Sns and Sns:Bi Thin Films. [Revista Mexicana De Fisica](#), 62(5), 484-488.
- 86 Arcega-Cabrera, F. & Fargher, L. F. (2016). Education, Fish Consumption, Well Water, Chicken Coops, and Cooking Fires: Using Biogeochemistry and Ethnography to Study Exposure of Children From Yucatan, Mexico to Metals and Arsenic. [Science of the Total Environment](#), 568, 75-82.
- 87 Karthik, T. V. K., Olvera, M. D., Maldonado, A. & Pozos, H. G. (2016). Co Gas Sensing Properties of Pure and Cu-Incorporated Sno<sub>2</sub> Nanoparticles: a Study of Cu-Induced Modifications. [Sensors](#), 16(8), 1283.
- 88 Perez-Santos, D. M., Velazquez, G., Canonico-Franco, M., Morales-Sanchez, E., Gaytan-Martinez, M., Yanez-Limon, J. M. & Herrera-Gomez, A. (2016). Modeling the Limited Degree of Starch Gelatinization. [Starch-Starke](#), 68(7-8), 727-733.
- 89 Pedroza-Montero, J. N., Delesma, F. A., Delgado-Venegas, R. I., Calaminici, P. & Koster, A. M. (2016). Static and Dynamic Polarizabilities of Oligothiophenes. [Theoretical Chemistry Accounts](#), 135(9), 230.
- 90 Florez, E., Merino, G., Cabellos, J. L., Ferraro, F., Restrepo, A. & Hadad, C. Z. (2016). Structure and Bonding in W<sub>n</sub> (N=2-5) Clusters. [Theoretical Chemistry Accounts](#), 135(9), 216.
- 91 Hernandez-Borja, J., Ramirez-Bon, R., Vorobiev, Y. V. & Hernandez-Landaverde, M. A. (2016). Chemically Deposited Ammonia-Free Cadmium Hydroxide Thin Films. [Thin Solid Films](#), 615, 256-260.
- 92 Amador-Molina, J. C., Valerdi-Madrigal, E. D., Dominguez-Castillo, R. I., Sirota, L. A. & Arciniega, J. L. (2016). Temperature-Mediated Recombinant Anthrax Protective Antigen Aggregate Development: Implications for Toxin Formation and Immunogenicity. [Vaccine](#), 34(35), 4188-4195.
- 93 Hallal-Calleros, C., Morales-Montor, J., Orihuela-Trujillo, A., Togno-Peirce, C., Murcia-Mejia, C., Bielli, A., Hoffman, K. L. & Flores-Perez, F. I. (2016). *Taenia pisiformis* cysticercosis induces decreased prolificacy and increased progesterone levels in rabbits. [Veterinary Parasitology](#), 229, 50-53.
- 94 Samaniego-Barron, L., Luna-Castro, S., Pina-Vazquez, C., Suarez-Guemes, F. & De La Garza, M. (2016). Two Outer Membrane Proteins Are Bovine Lactoferrin-Binding Proteins in Mannheimia Haemolytica A1. [Veterinary Research](#), 47, 93.

95 Lorias-Espinoza, D., Gonzalez-Carranza, V., Chico-Ponce de Leon, F., Perez-Escamirosa, F. & Minor-Martinez, A. (2016). A Low-Cost, Passive Navigation Training System for Image-Guided Spinal Intervention. [World Neurosurgery](#), 95, 322-328.

**[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXLENDO EN OTRAS REVISTAS ESPECIALIZADAS  
(INCLUÍDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)**

96 Soriano, A. F. (2016). Criminalizing the Student Protest: Nicandro Mendoza and the Crime of Social Dissolution in Mexico During the Cold War 1956. [Journal of Iberian and Latin American Research](#), 22(1), 15-30.

97 Kashina, S., Villavicencio, L. L. F., Balleza, M., Sabanero, G. B., Tsutsumi, V. & Lopez, M. S. (2016). Extracts From Flammulina Velutipes Inhibit the Adhesion of Pathogenic Fungi to Epithelial Cells. [Pharmacognosy Research](#), 8, 56-60.

**[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES**

98 Castaneda-Hernandez, G., Martinez-Talavera, A., Barranco-Garduno, L. M., Cervantes-Nevarez, A., Leon-Molina, H., Carrasco-Portugal, M. D. & Flores-Murrieta, F. J. (2016). Oseltamivir Pharmacokinetics in Mexican Obese and Non-Obese Healthy Subjects and Patients. Evidence for an Absence of Interethnic Variability. [British Journal of Clinical Pharmacology](#), 82(3), 890-891. [t](#)

99 Heil, M., Land, W. G. & Tor, M. (2016). Editorial: Wound Recognition Across the Tree of Life. [Frontiers in Plant Science](#), 7, 1319.

100 Bayro-Corrochano, E. (2016). Intelligent Computing for Pattern Recognition, Image Processing and Computer Vision. [Intelligent Data Analysis](#), 20, S1-S3.

101 Martinez-Palomo, A. (2016). Revisiting Zika (and Rubella). [Journal of Public Health Policy](#), 37(3), 273-276.

102 Martinez-Medina, A., Flors, V., Heil, M., Mauch-Mani, B., Pieterse, C. M. J., Pozo, M. J., Ton, J., Van Dam, N. M. & Conrath, U. (2016). Recognizing Plant Defense Priming. [Trends in Plant Science](#), 21(10), 818-822.

**[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS**

103 Lopez-Bayghen, E., Tello-Mora, P. & Quintanilla-Vega, B. (2016). Biomarkers for sperm quality are associated with fertility rates and embryo viability. [Fertility and Sterility](#), 106(3, Supplement), e305.

**[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS**

104 Ugalde-Silva, P., Gonzalez-Lugo, O. & Navarro-Garcia, F. (2016). Tight Junction Disruption Induced by Type 3 Secretion System Effectors Injected by Enteropathogenic and Enterohemorrhagic Escherichia Coil. [Frontiers in Cellular and Infection Microbiology](#), 6, 87.

105 Titov, O. Y., Bulat, L. P. & Gurevich, Y. G. (2016). Nature of the Thermoelectric Power in Bipolar Semiconductors. [International Journal of Thermophysics](#), 37(8), 86.

106 Moran-Salazar, R. G., Sanchez-Lizarraga, A. L., Rodriguez-Campos, J., Davila-Vazquez, G., Marino-Marmolejo, E. N., Dendooven, L. & Contreras-Ramos, S. M. (2016). Utilization of Vinasses as Soil Amendment: Consequences and Perspectives. [Springerplus](#), 5(1), 1007.

## ARTÍCULOS DEL MES DE OCTUBRE DE 2016

### **[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXLENDO EN REVISTAS INCLUIDAS EN JCR**

- 1 Medellin-Castillo, N. A., Padilla-Ortega, E., Tovar-Garcia, L. D., Leyva-Ramos, R., Ocampo-Perez, R., Carrasco-Marin, F. & Berber-Mendoza, M. S. (2016). Removal of Fluoride From Aqueous Solution Using Acid and Thermally Treated Bone Char. [Adsorption-Journal of the International Adsorption Society](#), 22(7), 951-961.
- 2 Moreno, M., Alonzo-Medina, G. M., Oliva, A. I. & Oliva-Aviles, A. I. (2016). Cadmium Sulfide Thin Films Deposited Onto Mwcnt/Polysulfone Substrates by Chemical Bath Deposition. [Advances in Materials Science and Engineering](#), 2016, 2890717.
- 3 Raygosa-Barahona, R., Ruiz-Martinez, G., Marino-Tapia, I. & Heyser-Ojeda, E. (2016). Design and initial testing of a piezoelectric sensor to quantify aeolian sand transport. [Aeolian Research](#), 22, 127-134.
- 4 Roque-Maciel, L., Arambula-Villa, G., Lopez-Espindola, M., Ortiz-Laurel, H., Carballo-Carballo, A. & Herrera-Corredor, J. A. (2016). Nixtamalization of Five Corn Varieties With Different Kernel Hardness: Impact in Fuel Consumption and Physicochemical Properties. [Agrociencia](#), 50(6), 727-745.
- 5 Licona-Cassani, C., Steen, J. A., Zaragoza, N. E., Moonen, G., Moutafis, G., Hodson, M. P., Power, J., Nielsen, L. K. & Marcellin, E. (2016). Tetanus toxin production is triggered by the transition from amino acid consumption to peptides. [Anaerobe](#), 41, 113-124.
- 6 Hernandez-Munoz, W., Serrato-Rodriguez, J., Munoz-Saldana, J. & Zarate-Medina, J. (2016). Synthesis of lanthanum aluminate by reverse chemical precipitation using pseudoboehmite as alumina precursor. [Applied Radiation and Isotopes](#), 117, 96-99.
- 7 Clemner, J. B. & Poznyak, A. S. (2016). Conforming Coalitions in Markov Stackelberg Security Games: Setting Max Cooperative Defenders Vs. Non-Cooperative Attackers. [Applied Soft Computing](#), 47, 1-11.
- 8 Azcorra, H., Vazquez-Vazquez, A., Cardenas, J. E. B. & Salazar-Rendon, J. C. (2016). Growth and Nutritional Status of School Age Children of Three Communities From Yucatan, Mexico. [Archivos Latinoamericanos De Nutricion](#), 66(2), 135-141.
- 9 Rodriguez, L. F., Gutierrez-Garcia, J. O. & Ramos, F. (2016). Modeling the Interaction of Emotion and Cognition in Autonomous Agents. [Biologically Inspired Cognitive Architectures](#), 17, 57-70.
- 10 Roa-Espitia, A. L., Hernandez-Rendon, E. R., Baltierrez-Hoyos, R., Munoz-Gotera, R. J., Cote-Velez, A., Jimenez, I., Gonzalez-Marquez, H. & Hernandez-Gonzalez, E. O. (2016). Focal Adhesion Kinase Is Required for Actin Polymerization and Remodeling of the Cytoskeleton During Sperm Capacitation. [Biology Open](#), 5(9), 1189-1199.

- 11 Carballo-Villalobos, A. I., Gonzalez-Trujano, M. E., Pellicer, F. & Lopez-Munoz, F. J. (2016). Antihyperalgesic Effect of Hesperidin Improves With Diosmin in Experimental Neuropathic Pain. [Biomed Research International](#), 2016, 8263463.
- 12 Paolinelli-Alfonso, M., Villalobos-Escobedo, J. M., Rolshausen, P., Herrera-Estrella, A., Galindo-Sanchez, C., Lopez-Hernandez, J. F. & Hernandez-Martinez, R. (2016). Global Transcriptional Analysis Suggests Lasiodiplodia Theobromae Pathogenicity Factors Involved in Modulation of Grapevine Defensive Response. [Bmc Genomics](#), 17, 615.
- 13 Ponce, A., Larre, I., Castillo, A., Flores-Maldonado, C., Verdejo-Torres, O., Contreras, R. G. & Cereijido, M. (2016). Ouabain Modulates the Distribution of Connexin 43 in Epithelial Cells. [Cellular Physiology and Biochemistry](#), 39(4), 1329-1338.
- 14 Montes-Monsalve, J. I., Morales-Acevedo, A., Bernal-Correa, R. & Pulzara-Mora, A. (2016). Characterization of Cuinse2 Thin Films Obtained by Rf Magnetron Co-Sputtering From Cuse and in Targets. [Chalcogenide Letters](#), 13(8), 381-388.
- 15 Rodriguez-Hernandez, P. E., De Moure-Flores, F., Guillen-Cervantes, A. et al. (2016). Physical Properties of In<sub>2</sub>S<sub>3</sub> Thin Films Grown by Chemical Bath Deposition at Different Temperatures. [Chalcogenide Letters](#), 13(8), 389-396.
- 16 Lizardi-Jimenez, M. A., Sanches, E. Y. L., Gomez-De-Jesus, A., Garcia-Cruz, N. U. & Hernandez-Flores, C. I. (2016). Sinkhole-Native Oil-Degrading Microbial Consortium for Hydrocarbon-Polluted Seawater Remediation. [Clean-Soil Air Water](#), 44(8), 1046-1050.
- 17 Solorzano-Lopez, J., Garcia-Pastor, F. A. & Flores-Luna, A. (2016). A Numerical Study Comparing the Effect on Residual Stresses of Two Different Types of Projectiles During Shot Peening. [Cmc-Computers Materials & Continua](#), 51(3), 203-215.
- 18 Farias-Cepeda, L., Herrera-Ordonez, J., Estevez, M., Luna-Barcenas, G. & Rosales-Marines, L. (2016). New Insights on Surfactant-Free Styrene Emulsion Polymerization in the Presence of Sodium Styrene Sulfonate. [Colloid and Polymer Science](#), 294(10), 1571-1576.
- 19 Diaz-Manriquez, A., Toscano, G., Barron-Zambrano, J. H. & Tello-Leal, E. (2016). R2-Based Multi/Many-Objective Particle Swarm Optimization. [Computational Intelligence and Neuroscience](#), 2016, 1898527.
- 20 Olivares, U., Rodriguez, H. G., Garcia, A. & Ramos, F. F. (2016). Efficient Construction of Bounding Volume Hierarchies Into a Complete Octree for Ray Tracing. [Computer Animation and Virtual Worlds](#), 27(3-4), 358-368.
- 21 Munoz-Hernandez, M. D., Morales-Sandoval, M. & Garcia-Hernandez, J. J. (2016). An End-to-End Security Approach for Digital Document Management. [Computer Journal](#), 59(7), 1076-1090.
- 22 Chakraborty, D. & Sarkar, P. (2016). On Modes of Operations of a Block Cipher for Authentication and Authenticated Encryption. [Cryptography and Communications-Discrete-Structures Boolean Functions and Sequences](#), 8(4), 455-511.

- 23 Ochoa, M. E., Aguilar-Granda, A., Ramirez-Montes, P. I., Barba, V., Lopez, Y., Santillan, R. & Farfan, N. (2016). Designed Synthesis of "L" Shaped 17-Halo-Aryl-Ethynyl Steroids. [Crystengcomm](#), 18(36), 6830-6840.
- 24 Zamora, E. & Yu, W. (2016). Novel Autonomous Navigation Algorithms in Dynamic and Unknown Environments. [Cybernetics and Systems](#), 47(7), 523-543.
- 25 Ibarra, M. A. L., Guardado, J. L., Rivas-Davalos, F., Jimenez, J. T. & Naredo, J. L. (2016). An Elitist Local Search Based Multi-Objective Algorithm for Power Distribution System Reconfiguration. [Electric Power Components and Systems](#), 44(16), 1839-1853.
- 26 Paternina, M. R. A., Ramirez, J. M. & Mendez, A. Z. (2016). Real-Time Implementation of the Digital Taylor-Fourier Transform for Identifying Low Frequency Oscillations. [Electric Power Systems Research](#), 140, 846-853.
- 27 Fernandez, J., Schutze, O., Hernandez, C., Sun, J. Q. & Xiong, F. R. (2016). Parallel Simple Cell Mapping for Multi-Objective Optimization. [Engineering Optimization](#), 48(11), 1845-1868.
- 28 Torres-Sanchez, L., Lopez-Carrillo, L., Rosado, J. L., Rodriguez, V. M., Vera-Aguilar, E., Kordas, K., Garcia-Vargas, G. G. & Cebrian, M. E. (2016). Sex differences in the reduction of arsenic methylation capacity as a function of urinary total and inorganic arsenic in Mexican children. [Environmental Research](#), 151, 38-43.
- 29 Lopez-Carrillo, L., Gamboa-Loira, B., Becerra, W., Hernandez-Alcaraz, C., Hernandez-Ramirez, R. U., Gandolfi, A. J., Franco-Marina, F. & Cebrian, M. E. (2016). Dietary micronutrient intake and its relationship with arsenic metabolism in Mexican women. [Environmental Research](#), 151, 445-450.
- 30 Palma-Cruz, F. D., Perez-Vargas, J., Casado, N. A. R., Guzman, O. G. & Calva-Calva, G. (2016). Phytoremediation Potential and Ecological and Phenological Changes of Native Pioneer Plants From Weathered Oil Spill-Impacted Sites at Tropical Wetlands. [Environmental Science and Pollution Research](#), 23(16), 16359-16371.
- 31 Vasquez-Rios, M. G., Reyes-Marquez, V., Hopfl, H. et al. (2016). 23-and 27-Membered Macroyclic Diorganotin(Iv) Bis-Dithiocarbamates: Synthesis, Spectroscopic Characterization, Dft Calculations, and Physicochemical Analysis as Anion Receptors. [European Journal of Inorganic Chemistry](#), (21), 3429-3440.
- 32 Can-Herrera, L. A., Avila-Ortega, A., De la Rosa-Garcia, S., Oliva, A. I., Cauich-Rodriguez, J. V. & Cervantes-Uc, J. M. (2016). Surface modification of electrospun polycaprolactone microfibers by air plasma treatment: Effect of plasma power and treatment time. [European Polymer Journal](#), 84, 502-513.
- 33 Cabrera, R., Rodriguez-Romero, A., Guarneros, G. & De La Torre, M. (2016). New Insights Into the Interaction Between the Quorum-Sensing Receptor NprR and Its Dna Target, or the Response Regulator SpoOF. [Fems Letters](#), 590(18), 3243-3253.
- 34 Gutierrez, R. M. P. & Ramirez, A. M. (2016). Hypoglycemic Effects of Sesquiterpene Lactones From Byrsinima Crassifolia. [Food Science and Biotechnology](#), 25(4), 1135-1145.

- 35 Wong-Baeza, C., Resendiz-Mora, A., Donis-Maturano, L. et al. (2016). Anti-Lipid IgG Antibodies Are Produced Via Germinal Centers in a Murine Model Resembling Human Lupus. [Frontiers in Immunology](#), 7, 396.
- 36 Gonzalez-Aguilera, K. L., Saad, C. F., Montes, R. A. C., Alves-Ferreira, M. & De Folter, S. (2016). Selection of Reference Genes for Quantitative Real-Time Rt-Pcr Studies in Tomato Fruit of the Genotype Mt-Rg1. [Frontiers in Plant Science](#), 7, 1386.
- 37 Chateigner-Boutin, A. L., Ordaz-Ortiz, J. J., Alvarado, C., Bouchet, B., Durand, S., Verhertbruggen, Y., Barriere, Y. & Saulnier, L. (2016). Developing Pericarp of Maize: a Model to Study Arabinoxylan Synthesis and Feruloylation. [Frontiers in Plant Science](#), 7, 1476.
- 38 Felix-Valdez, L. I., Vargas-Ponce, O., Cabrera-Toledo, D., Casas, A., Cibrian-Jaramillo, A. & De La Cruz-Larios, L. (2016). Effects of Traditional Management for Mescal Production on the Diversity and Genetic Structure of Agave Potatorum (Asparagaceae) in Central Mexico. [Genetic Resources and Crop Evolution](#), 63(7), 1255-1271.
- 39 Velazquez-Abunader, I., Lopez-Rocha, J. A., Arellano-Martinez, M., Ceballos-Vazquez, B. P. & Cabrera, M. A. (2016). Estimation of Growth Parameters in a Wild Population of Lion-Paw Scallop (*Nodipecten Subnodosus*) in Bahia De Los Angeles, Baja California, Mexico. [Hidrobiologica](#), 26(1), 133-142.
- 40 May-Ku, M. A., Valdes-Lozano, D. & Ardisson, P. L. (2016). Spatial and Temporal Variations in Physicochemical Characteristics of Water and Sediment in the Yalahau Coastal Lagoon, Quintana Roo. [Hidrobiologica](#), 26(1), 41-51.
- 41 Li, X. O., Yu, W. & Villegas, S. (2016). Structural Health Monitoring of Building Structures With Online Data Mining Methods. [Ieee Systems Journal](#), 10(3), 1291-1300.
- 42 Guzman, A. N., Di Gennaro, S., Dominguez, J. R., Lua, C. A., Loukianov, A. G. & Castillo-Toledo, B. (2016). Enhanced Discrete-Time Modeling Via Variational Integrators and Digital Controller Design for Ground Vehicles. [Ieee Transactions on Industrial Electronics](#), 63(10), 6375-6385.
- 43 Bayro-Corrochano, E., Vazquez-Santacruz, E., Moya-Sanchez, E. & Castillo-Munis, E. (2016). Geometric Bioinspired Networks for Recognition of 2-D and 3-D Low-Level Structures and Transformations. [Ieee Transactions on Neural Networks and Learning Systems](#), 27(10), 2020-2034.
- 44 Ramirez, A., Mehrizi-Sani, A., Hussein, D., Matar, M., Abdel-Rahman, M., Chavez, J. J., Davoudi, A. & Kamalasadan, S. (2016). Application of Balanced Realizations for Model-Order Reduction of Dynamic Power System Equivalents. [Ieee Transactions on Power Delivery](#), 31(5), 2304-2312.
- 45 Arvizu, C. M. C. & Messina, A. R. (2016). Dimensionality Reduction in Transient Simulations: a Diffusion Maps Approach. [Ieee Transactions on Power Delivery](#), 31(5), 2379-2389.
- 46 Perez-Garibay, R., Gonzalez-Garcia, A. P., Fuentes-Aceituno, J. C., Rendon-Angeles, J. C. & Bello-Teodoro, S. (2016). Synthesis of Mn<sub>2</sub>O<sub>3</sub> From Manganese Sulfated Leaching Solutions. [Industrial & Engineering Chemistry Research](#), 55(35), 9468-9475.

- 47 Miranda-Ozuna, J. F. T., Hernandez-Garcia, M. S., Brieba, L. G., Benitez-Cardoza, C. G., Ortega-Lopez, J., Gonzalez-Robles, A. & Arroyo, R. (2016). The Glycolytic Enzyme Triosephosphate Isomerase of *Trichomonas vaginalis* Is a Surface-Associated Protein Induced by Glucose That Functions as a Laminin- and Fibronectin-Binding Protein. [Infection and Immunity](#), 84(10), 2878-2894.
- 48 Pena-Romo, A., Gomez-Mendez, A. M., Rios, A., Escalante, B. A. & Rodriguez-Gonzalez, J. (2016). Noise enhanced the electrical stimulation-contractile response coupling in isolated mouse heart. [International Journal of Cardiology](#), 221, 155-160.
- 49 Rodriguez-Achach, M., Coronel-Brizio, H. F., Hernandez-Montoya, A. R., Huerta-Quintanilla, R. & Canto-Lugo, E. (2016). The One-Dimensional Minesweeper Game: What Are Your Chances of Winning? [International Journal of Modern Physics C](#), 27(11), 1650127.
- 50 Ohlmaier-Delgadillo, F., Castillo-Ortega, M. M., Ramirez-Bon, R., Armenta-Villegas, L., Rodriguez-Felix, D. E., Santacruz-Ortega, H., Del Castillo-Castro, T. & Santos-Sauceda, I. (2016). Photocatalytic Properties of Pmma-Tio<sub>2</sub> Class I and Class II Hybrid Nanofibers Obtained by Electrospinning. [Journal of Applied Polymer Science](#), 133(48), 44334.
- 51 De Oca Lyjgm, Avelar, T. C., Garrido, G. I. P., Chagoya-Lopez, A., De La Vara, L. G., Buenrostro, N. L. D., Chirino-Lopez, Y. I., Gomez-Lojero, C. & Gutierrez-Cirlos, E. B. (2016). Cardiolipin Deficiency Causes a Dissociation of the B (6) C:Caa (3) Megacomplex in B-Subtilis Membranes. [Journal of Bioenergetics and Biomembranes](#), 48(4), 451-467.
- 52 Perera-Burgos, J. A., Mendez-Alcaraz, J. M., Perez-Angel, G. & Castaneda-Priego, R. (2016). Assessment of the Micro-Structure and Depletion Potentials in Two-Dimensional Binary Mixtures of Additive Hard-Disks. [Journal of Chemical Physics](#), 145(10), 104905.
- 53 Benavides-Parra, J. C., Jacinto-Mendez, D., Brotons, G. & Carbajal-Tinoco, M. D. (2016). Brownian Motion Near a Liquid-Gas Interface. [Journal of Chemical Physics](#), 145(11), 114902.
- 54 Ortiz-Ordonez, E., Lopez-Lopez, E., Sedeno-Diaz, J. E., Uria, E., Morales, I. A., Perez, M. E. & Shibayama, M. (2016). Liver Histological Changes and Lipid Peroxidation in the Amphibian *Ambystoma mexicanum* Induced by Sediment Elutriates From the Lake Xochimilco. [Journal of Environmental Sciences](#), 46, 156-164.
- 55 Santiago, F. H., Moreno, J. P., Cazares, B. X., Suarez, J. J. A., Trejo, E. O., De Oca, G. M. M. & Aguilar, I. D. (2016). Traditional Knowledge and Use of Wild Mushrooms by Mixtecs or Nuu Savi, the People of the Rain, From Southeastern Mexico. [Journal of Ethnobiology and Ethnomedicine](#), 12, 35.
- 56 Mellado-Mojica, E., Seeram, N. P. & Lopez, M. G. (2016). Comparative Analysis of Maple Syrups and Natural Sweeteners: Carbohydrates Composition and Classification (Differentiation) by Hpaec-Pad and Ftir Spectroscopy-Chemometrics. [Journal of Food Composition and Analysis](#), 52, 1-8.

- 57 Fitch-Vargas, P. R., Aguilar-Palazuelos, E., Zazueta-Morales, J. D., Vega-Garcia, M. O., Valdez-Morales, J. E., Martinez-Bustos, F. & Jacobo-Valenzuela, N. (2016). Physicochemical and Microstructural Characterization of Corn Starch Edible Films Obtained by a Combination of Extrusion Technology and Casting Technique. [Journal of Food Science](#), 81(9), E2224-E2232.
- 58 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for S Channel Single Top Quark Production in Pp Collisions at Root S=7 and 8 Tev. [Journal of High Energy Physics](#), (9), 027.
- 59 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Elliptic Flow of Electrons From Heavy-Flavour Hadron Decays at Mid-Rapidity in Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Journal of High Energy Physics](#), (9), 028.
- 60 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Higgs Boson Off-Shell Production in Proton-Proton Collisions at 7 and 8 Tev and Derivation of Constraints on Its Total Decay Width. [Journal of High Energy Physics](#), (9), 051.
- 61 Gomez, R., Torres-Sanchez, L., Camacho-Mejorado, R., Burguete-Garcia, A. I., Vazquez-Salas, R. A., Martinez-Nava, G. A., Santana, C. & Noris, G. (2016). Androgen Receptor Cag Polymorphism and Sporadic and Early-Onset Prostate Cancer Among Mexican Men. [Journal of Human Genetics](#), 61(9), 781-786.
- 62 Rodriguez-Aranda, M. C., Calderon-Pinar, F., Hernandez-Landaverde, M. A., Heiras, J., Zamorano-Ulloa, R., Ramirez-Rosales, D. & Yanez-Limon, J. M. (2016). Photoluminescence of Sol-Gel Synthesized Pzt Powders. [Journal of Luminescence](#), 179, 280-286.
- 63 Gomez-Acosta, A., Barquera-Bibiano, Z., Lopez-Naranjo, E. J., Reyes-Araiza, J. L., Torres-Delgado, G., Barbosa-Garcia, O., Rivera-Munoz, E. M., Velazquez-Castillo, R. & Manzano-Ramirez, A. (2016). Morphology Effect of Silver Nanostructures on the Performance of a P3ht: Graphene: Agns-Based Active Layer Obtained Via Dip Coating. [Journal of Nanomaterials](#), 2016, 2305857.
- 64 Paz-Michel, B. A., De la Cruz-Cruz, J. I., Juarez-Saavedra, P., Leyva-Ramirez, M. A. & Paz-Sandoval, M. A. (2016). Addition reactions of Cp<sup>\*</sup>Ru(1-5-+-CH<sub>2</sub>CHCRCHSO<sub>2</sub>) (R = H, Me) with carbon monoxide, phosphorus, sulfur and nitrogen ligands: Spectroscopic and structural characterization of Cp<sup>\*</sup>Ru(1-2,5-eta-butadienesulfonyl)(L). [Journal of Organometallic Chemistry](#), 822, 196-210.
- 65 Olguin, J., Diaz-Fernandez, M., De la Cruz-Cruz, J. I. & Paz-Sandoval, M. A. (2016). Mixed heteropentadienyl and N-heterocyclic carbene ruthenium(II) complexes: Synthesis and transfer hydrogenation catalysis. [Journal of Organometallic Chemistry](#), 824, 33-41.
- 66 Martin-Tovar, E. A., Denis-Alcocer, E., Diaz, E. C. Y., Castro-Rodriguez, R. & Iribarren, A. (2016). Tuning of Refractive Index in Al-Doped Zno Films by Rf-Sputtering Using Oblique Angle Deposition. [Journal of Physics D-Applied Physics](#), 49(29), 295302.
- 67 Diaz-Ballote, L., Castillo-Atoche, A., Maldonado, L., Ruiz-Gomez, M. A. & Hernandez, E. (2016). Effect of Commercial Metals (Al, Cu, Carbon Steel, and Zn) on the Oxidation of Soy-Biodiesel. [Journal of Physics D-Applied Physics](#), 49(35), 355602.

- 68 Gurubel, K. J., Osuna-Enciso, V., Cardenas, J. J., Coronado-Mendoza, A., Perez-Cisneros, M. A. & Sanchez, E. N. (2016). Neural Forecasting and Optimal Sizing for Hybrid Renewable Energy Systems With Grid-Connected Storage System. [Journal of Renewable and Sustainable Energy](#), 8(4), 045303.
- 69 Londono-Calderon, A., Bahena, D. & Yacaman, M. J. (2016). Controlled Synthesis of Au@Agau Yolk-Shell Cuboctahedra With Well-Defined Facets. [Langmuir](#), 32(30), 7572-7581.
- 70 Alcantar-Vazquez, J. P., Pliego-Cortes, H. S., Dumas, S., Pena-Martinez, R., Rosales-Velazquez, M. & Pintos-Teran, P. (2016). Effects of a Luteinizing Hormone-Releasing Hormone Analogue (Lhrha) on the Reproductive Performance of Spotted Sand Bass Paralabrax Maculatofasciatus (Percoidei: Serranidae). [Latin American Journal of Aquatic Research](#), 44(3), 487-496.
- 71 Flores-Rojas, E., Cabanas-Moreno, J. G., Perez-Robles, J. F. & Solorza-Feria, O. (2016). Mechanochemical synthesis of Co and Ni decorated with chemically deposited Pt as electrocatalysts for oxygen reduction reaction. [Materials Chemistry and Physics](#), 183, 101-109.
- 72 Diaz-Torres, E., Ortega-Lopez, M. & Santoyo-Salazar, J. (2016). Oriented Self-Assembly of PbS Nanocrystals Into Od+1d 'matchstick' Structures. [Materials Letters](#), 183, 334-337.
- 73 Heredia-Cancino, J. A., Mendivil-Reynoso, T., Ochoa-Landin, R., Ramirez-Bon, R. & Castillo, S. J. (2016). Optical and structural properties of PbSe films obtained by ionic exchange of lead oxyhydroxicarbonate in a selenium-rongalite solution. [Materials Science in Semiconductor Processing](#), 56, 90-93.
- 74 Serapio-Palacios, A. & Navarro-Garcia, F. (2016). Espc, an Autotransporter Protein Secreted by Enteropathogenic Escherichia Coli, Causes Apoptosis and Necrosis Through Caspase and Calpain Activation, Including Direct Procaspsase-3 Cleavage. [Mbio](#), 7(3), e00479-16.
- 75 Bonilla-Moreno, R., Perez-Yepez, E. A., Villegas-Sepulveda, N., Morales, F. O. & Meza, I. (2016). Tyrosine Phosphorylation/Dephosphorylation of Myosin II Essential Light Chains of Entamoeba Histolytica Trophozoites Regulates Their Motility. [Molecular and Biochemical Parasitology](#), 208(2), 49-55.
- 76 Navarro-Yepes, J., Anandhan, A., Bradley, E. et al. (2016). Inhibition of Protein Ubiquitination by Paraquat and 1-Methyl-4-Phenylpyridinium Impairs Ubiquitin-Dependent Protein Degradation Pathways. [Molecular Neurobiology](#), 53(8), 5229-5251.
- 77 Soto-Castro, D., Santillan, R., Guadarrama, P., Farfan, N., Gonzalez-Herrera, I. G. & Cruz-Mendez, A. C. (2016). Pamam-Dendrimer Bearing 1,2-Diphenylethyne Core Obtained by Palladium-Catalyzed Coupling Assisted by Silver Oxide: in Vitro Evaluation of Antioxidant Properties. [Monatshefte Fur Chemie](#), 147(10), 1839-1847.
- 78 Rivera-Ramirez, N., Montejo-Lopez, W., Lopez-Mendez, M. C., Guerrero-Hernandez, A., Molina-Hernandez, A., Garcia-Hernandez, U. & Arias-Montano, J. A. (2016). Histamine H3 receptor activation stimulates calcium mobilization in a subpopulation of rat striatal neurons in primary culture, but not in synaptosomes. [Neurochemistry International](#), 101, 38-47.

- 79 Caballero-Floran, R. N., Conde-Rojas, I., Oviedo-Chavez, A., Cortes-Calleja, H., Lopez-Santiago, L. F., Isom, L. L., Aceves, J., Erlij, D. & Floran, B. (2016). Cannabinoid-induced depression of synaptic transmission is switched to stimulation when dopaminergic tone is increased in the globus pallidus of the rodent. [Neuropharmacology](#), 110, 407-418.
- 80 Solis, C. U., Clempner, J. B. & Poznyak, A. S. (2016). Designing a Terminal Optimal Control With an Integral Sliding Mode Component Using a Saddle Point Method Approach: a Cartesian 3d-Crane Application. [Nonlinear Dynamics](#), 86(2), 911-926.
- 81 Amarillas, L., Chaidez, C., Gonzalez-Robles, A., Lugo-Melchor, Y. & Leon-Felix, J. (2016). Characterization of Novel Bacteriophage Phic119 Capable of Lysing Multidrug-Resistant Shiga Toxin-Producing Escherichia Coli O157:H7. [Peerj](#), 4, e2423.
- 82 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Measurement of Transverse Energy at Midrapidity in Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Physical Review C](#), 94(3), 034903.
- 83 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the Differential Cross Sections for Top Quark Pair Production as a Function of Kinematic Event Variables in Pp Collisions at Root S=7 and 8 Tev. [Physical Review D](#), 94(5), 052006.
- 84 Lami, A. & Roig, P. (2016). H → L<sup>+</sup> in the Simplest Little Higgs Model. [Physical Review D](#), 94(5), 056001.
- 85 Ayon-Beato, E., Hassaine, M. & Higuita-Borja, D. (2016). Role of Symmetries in the Kerr-Schild Derivation of the Kerr Black Hole. [Physical Review D](#), 94(6), 064073.
- 86 Aab, A., Abreu, P., Aglietta, M. et al. (2016). Search for Ultrarelativistic Magnetic Monopoles With the Pierre Auger Observatory. [Physical Review D](#), 94(8), 082002.
- 87 Braibanti, M., Haro-Perez, C., Quesada-Perez, M., Rojas-Ochoa, L. F. & Trappe, V. (2016). Impact of Volume Transition on the Net Charge of Poly-N-Isopropyl Acrylamide Microgels. [Physical Review E](#), 94(3), 032601.
- 88 Velazquez-Perez, S., Perez-Angel, G. & Nahmad-Molinari, Y. (2016). Effective Potentials in a Bidimensional Vibrated Granular Gas. [Physical Review E](#), 94(3), 032903.
- 89 Miranda, O. G., Tortola, M. & Valle, J. W. F. (2016). New Ambiguity in Probing Cp Violation in Neutrino Oscillations. [Physical Review Letters](#), 117(6), 061804.
- 90 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for R-Parity Violating Decays of a Top Squark in Proton-Proton Collisions at Root S=8tev. [Physics Letters B](#), 760, 178-201.
- 91 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurements of T(T)Over-Bar Charge Asymmetry Using Dilepton Final States in Pp Collisions at Root S=8 Tev. [Physics Letters B](#), 760, 365-386.

- 92 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the Z Gamma -> Nu(Nu)Over-Bar Gamma Production Cross Section in Pp Collisions at Root S=8 Tev and Limits on Anomalous Zz Gamma and Z Gamma Gamma Trilinear Gauge Boson Couplings. [Physics Letters B](#), 760, 448-468.
- 93 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Multiplicity Dependence of Charged Pion, Kaon, and (Anti)Proton Production at Large Transverse Momentum in P-Pb Collisions Root S-Nn=5.02 Tev. [Physics Letters B](#), 760, 720-735.
- 94 Zaragoza-Martinez, F., Lucho-Constantino, G. G., Ponce-Noyola, T., Esparza-Garcia, F., Poggi-Varaldo, H., Cerda-Garcia-Rojas, C. M., Trejo-Tapia, G. & Ramos-Valdivia, A. C. (2016). Jasmonic Acid Stimulates the Oxidative Responses and Triterpene Production in Jatropha Curcas Cell Suspension Cultures Through Mevalonate as Biosynthetic Precursor. [Plant Cell Tissue and Organ Culture](#), 127(1), 47-56.
- 95 Salazar-Vidal, M. N., Acosta-Segovia, E., Sanchez-Leon, N., Ahern, K. R., Brutnell, T. P. & Sawers, R. J. H. (2016). Characterization and Transposon Mutagenesis of the Maize (*Zea Mays*) Pho1 Gene Family. [Plos One](#), 11(9), e0161882.
- 96 Gonzalez-Morales, S. I., Chavez-Montes, R. A., Hayano-Kanashiro, C., Alejo-Jacuinde, G., Rico-Cambron, T. Y., De Folter, S. & Herrera-Estrella, L. (2016). Regulatory Network Analysis Reveals Novel Regulators of Seed Desiccation Tolerance in *Arabidopsis Thaliana*. [Proceedings of the National Academy of Sciences of the United States of America](#), 113(35), E5232-E5241.
- 97 Cuevas-Romero, J. S., Rivera-Benitez, J. F., Hernandez-Baumgarten, E., Hernandez-Jauregui, P., Vega, M., Blomstrom, A. L., Berg, M. & Baule, C. (2016). Cloning, Expression and Characterization of Potential Immunogenic Recombinant Hemagglutinin-Neuraminidase Protein of Porcine Rubulavirus. [Protein Expression and Purification](#), 128, 1-7.
- 98 Ayala-Rodriguez, G. A., Ordonez-Lopez, U., Meiners, C. & Marin-Hernandez, M. (2016). Veracruz Reef System Fish Larvae Ecological Aspects, Biogeography and Taxonomic Record, Gulf of Mexico Southwest (June 2011-June 2013). [Revista De Biologia Marina Y Oceanografia](#), 51(2), 255-264.
- 99 Chi-Espinola, A. A. & Vega-Cendejas, M. E. (2016). Food Resources of *Eucinostomus* (Perciformes: Gerreidae) in a Hyperhaline Lagoon: Yucatan Peninsula, Mexico. [Revista De Biologia Marina Y Oceanografia](#), 51(2), 395-406.
- 100 Colin-Garcia, N. A., Campos, J. E., Luis JItemj & Arias-Gonzalez, J. E. (2016). Influence of Sediments and Tungsten Traces on the Skeletal Structure of *Pseudodiploria*: a Reef Building Scleractinian Coral From the Veracruz Reef System National Park, Mexico. [Revista De Biologia Tropical](#), 64(3), 1077-1089.
- 101 Ortiz-Franco, L. Z., Ramirez-Villa, A. Z., Cervantes-Mojica, L. J., Muy-Rangel, M. D., Gomez-Lim, M. A., Garcia-Galindo, H. S., Sayago-Ayerdi, S. G. & Montalvo-Gonzalez, E. (2016). Effect of 1-Methylcyclopropene on Ataulfo Mango Maturation Under Simulated Conditions for Export to Europe. [Revista Fitotecnia Mexicana](#), 39(3), 305-316.

102 Ortiz-Quisbert, M. E., Duarte-Mermoud, M. A., Milla, F. & Castro-Linares, R. (2016). Fractional Adaptive Control Optimized by Genetic Algorithms, Applied to Automatic Voltage Regulators. [Revista Iberoamericana De Automatica E Informatica Industrial](#), 13(4), 403-409.

103 Florez, E., Acelas, N., Ibarguen, C., Mondal, S., Cabellos, J. L., Merino, G. & Restrepo, A. (2016). Microsolvation of No<sub>3</sub>-: Structural Exploration and Bonding Analysis. [Rsc Advances](#), 6(76), 71913-71923.

104 Saha, R., Pan, S., Mandal, S., Orozco, M., Merino, G. & Chattaraj, P. K. (2016). Noble Gas Supported B-3(+) Cluster: Formation of Strong Covalent Noble Gas-Boron Bonds. [Rsc Advances](#), 6(82), 78611-78620.

105 Russell, J. M., Hernandez-Garcia, Y. & Kleiche-Dray, M. (2016). Collaboration Dynamics of Mexican Research in Chemistry and Its Relationship With Communication Patterns. [Scientometrics](#), 109(1), 283-316.

106 Moldovan, O., Castro-Carranza, A., Cerdeira, A., Estrada, M., Barquinha, P., Martins, R., Fortunato, E., Miljakovic, S. & Iniguez, B. (2016). A compact model and direct parameters extraction techniques For amorphous gallium-indium-zinc-oxide thin film transistors. [Solid-State Electronics](#), 126, 81-86.

107 Osnaya-Romero, N., Acosta-Saavedra, L. C., Goytia-Acevedo, R., Lares-Asseff, I., Basurto-Celaya, G., Perez-Guille, G., Possani, L. D. & Calderon-Aranda, E. S. (2016). Serum level of scorpion toxins, electrolytes and electrocardiogram alterations in Mexican children envenomed by scorpion sting. [Toxicon](#), 122, 103-108.

**[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXTENO EN OTRAS REVISTAS ESPECIALIZADAS  
(INCLUÍDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)**

108 Suarez-Gonzalez, E. M., Palmeros-Suarez, P. A., Cruz-Rubio, J. M., Martinez-Gallardo, N. A., Cisneros-Hernandez, I., Delano-Frier, J. P. & Gomez-Leyva, J. F. (2016). Differential fructan accumulation and expression of fructan biosynthesis, invertase and defense genes is induced in Agave tequilana plantlets by sucrose or stress-related elicitors. [Agri Gene](#), 2, 17-28.

109 Castellanos-Castro, S., Cerdá-García-Rojas, C. M., Javier-Reyna, R., Pais-Morales, J., Chavez-Munguia, B. & Orozco, E. (2016). Identification of the phospholipid lysobisphosphatidic acid in the protozoan *Entamoeba histolytica*: An active molecule in endocytosis. [Biochemistry and Biophysics Reports](#), 5, 224-236.

110 Castellanos-Castro, S., Montano, S. & Orozco, E. (2016). Data on docking and dynamics simulation of *Entamoeba histolytica* EhADH (an ALIX protein) and lysobisphosphatidic acid. [Data in Brief](#), 7, 457-459.

111 Duplat-Bermudez, L., Ruiz-Medrano, R., Landsman, D., Marino-Ramirez, L. & Xoconostle-Cazares, B. (2016). Dataset of *Arabidopsis* plants that overexpress FT driven by a meristem-specific KNAT1 promoter. [Data in Brief](#), 8, 520-528.

112Torres-Huerta, A. L., Martinez-Miguel, R. M., Bazan-Tejeda, M. L. & Bermudez-Cruz, R. M. (2016). In silico data analyses of recombinases GdDMC1A and GdDMC1B from Giardia duodenalis. [Data in Brief](#), 9, 236-244.

113Garduza-Gonzalez, S., Gomez-Castaneda, F., Moreno-Cadenas, J. A. & Ponce-Ponce, V. H. (2016). A prototype CMOS image sensor with a column-level modulation architecture. [Ingenieria, Investigacion y Tecnologia](#), 17(2), 237-250.

114Rivera-Vargas, G. A., Matsumoto-Kuwabara, Y. & Baquero-Parra, R. (2016). Analysis for obtaining hydrogen from biogas by means of the fermentation of natural beverages. [Ingenieria, Investigacion y Tecnologia](#), 17(2), 251-256.

115Castillo-Soria, F. R., Sanchez-Garcia, J., Parra-Michel, R., Flores-Troncoso, J. & Fernandez-Torres, G. (2016). Spatial modulation, a comparison of basic transmission techniques. [Ingenieria, Investigacion y Tecnologia](#), 17(2), 273-282.

116Sarmiento-Arellano, J., Vega, A. K., Rosendo-Andres, E. et al. (2016). Influence of HCl on the NPs-CdSe synthesis prepared by the colloidal method. [Journal of Applied Research and Technology](#), 14(4), 225-231.

117Hernandez, J. & Gomez, W. (2016). Automatic Tuning of the Pulse-Coupled Neural Network Using Differential Evolution for Image Segmentation. [Lecture Notes in Computer Science](#), 9703, 157-166.

118Escrihuela, F. J., Forero, D. V., Miranda, O. G., Tortola, M. A. & Valle, J. W. F. (2016). Constraining right-handed neutrinos. [Nuclear and Particle Physics Proceedings](#), 273-275, 1909-1914.

119Mendez-Dominguez, N., Achach-Asaf, J. A., Basso-Garcia, L. M., Quinones-Pacheco, Y. B. & Gomez-Carro, S. (2016). Septic shock secondary to non-congenital chikungunya fever in a young infant: a clinical case. [Revista Chilena De Pediatría](#), 87(2), 143-147.

#### **[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES**

120 Mahseredjian, J. & Ramirez, A. (2016). Special Issue on Advances in the Simulation of Power System Transients. [Ieee Transactions on Power Delivery](#), 31(5), 2303.

121 Chandrasekaran, P., Zimmerman, O., Paulson, M. et al. (2016). Distinct mutations at the same positions of STAT3 cause either loss or gain of function. [Journal of Allergy and Clinical Immunology](#), 138(4), 1222-1224.e2.

122 Soto, R., Rodriguez-Tello, E., Caro, S. & Lardeux, F. (2016). Scientific Programming in Computational Intelligence. [Scientific Programming](#), 2016, 5039793.

#### **[ARTÍCULOS GI] – RESÚMENES PUBLICADOS EN REVISTAS**

123Lopez-Ortega, O. & Santos-Argumedo, L. (2016). Myosin 1g Participates in Cd44-Recycling in B-Lymphocytes. [European Journal of Immunology](#), 46, 1081.

124Vega-Lopez, M. A., Guzman-Bautista, E., Ramirez-Estudillo, C. & Rojas, O. (2016). Maternal Antibodies Are Present at the Newborn's Respiratory Tract in the Absence of a Structured Polymeric Immunoglobulin Secretory Immune System (Pisis). [European Journal of Immunology](#), 46, 348.

125Moreno-Lafont, M., Gutierrez-Hoya, A., Navarro-Hernandez, I. C., Vela-Ojeda, J., Montiel-Cervantes, L., Rodriguez-Cortes, O. & Rosales-Garcia, V. (2016). Predictive Immunological Biomarkers of Graft Versus Host Disease. [European Journal of Immunology](#), 46, 731-732.

126Arenas-Hernandez, M., Romero, R., Balancio, A., Mial, T., Hassan, S., Sanchez-Torres, C. & Gomez-Lopez, N. (2016). The Depletion of Regulatory T Cells in the Third Trimester Increases the Susceptibility for Lps-Induced Preterm Birth and Causes Adverse Neonatal Outcomes. [European Journal of Immunology](#), 46, 877.

127Lizarraga-Verdugo, E., Jimenez-Gastelum, G. R., Gastelum-Rosales, X. G. et al. (2016). Characterization of Dendritic Cells of Gingival Mucosa in Subjects With Periodontal Disease. [European Journal of Immunology](#), 46, 950.

128Perez-Quintanar, A., Lopez-Mendoza, D. A., Garcia-Soto, L. V., Perez-Polanco, P. & Montano-Zetina, L. M. (2016). Evaluacion del estilo de adquisicion del conocimiento y del juego FARMACUM como reforzamiento del aprendizaje pragmatico y teorico en la materia de farmacologia basica. [Investigacion En Educacion Medica](#), 5(18), 131.

129Pech-Hau, C., Zapata, O., Rivas, I., Patino, V., Quintanilla, M., Perez, A., Del Rio-Garcia, M. & Gonzales, L. (2016). Analysis of gene expression biomarkers associated with the presence of pollutants in Syonium gunteri and Ariopsis felis in the Gulf of Mexico. [Toxicology Letters](#), 259, S104.

130Patino-Suarez, M. V., Zapata-Perez, J. O. & Puch-Hau, C. A. (2016). Biological effects of benzo[a]pyrene on selected biomarkers in Nile tilapia Oreochromis niloticus. [Toxicology Letters](#), 259, S104.

131Del Rio-Garcia, M., Gonzales-Rivera, L. I., Pech-Hau, C. & Zapata-Perez, O. (2016). Determination of metabolites in bile from two fish species (Ariopsis felis and Syonium gunteri) found in the Gulf of Mexico. [Toxicology Letters](#), 259, S105.

132Rivas-Reyes, I., Albores-Medina, A., Puch-Hau, C., Perez-Marquez, K. I. & Zapata-Perez, O. (2016). CYP330A1 gene identification in the blue crab (*Callinectes sapidus*) exposed to benzo[a]pyrene and naphthalene. [Toxicology Letters](#), 259, S105-S106.

133Reyes-Chaparro, A., Colli-Dula, R. C., Osorio-Yanez, C., Puch-Hau, C. A., Albores, A. & Zapata-Perez, O. (2016). Benzo[a]pyrene induces ANP gene expression in the heart of Nile tilapia. [Toxicology Letters](#), 259, S106.

134Solis-Angeles, S., Cardenas Gonzalez, M., Jimenez-Cordova, M. I., Villarreal-Vega, E., Aguilar-Madrid, G., Gonzalez-Horta, M. C., Del Razo, L. M. & Barbier, O. (2016). Comparative urinary miRNAs expression and cystatin C level in adults chronically exposed to fluoride through drinking water. [Toxicology Letters](#), 259, S115.

135Montes-Castro, N., Alvarado-Cruz, I., Garcia-Aguiar, I., Solis-Heredia, M. J., Rangel-Calvillo, M., Lopez-Bayghen, E. & Quintanilla-Vega, B. (2016). DNA methylation increases genetic damage in cord blood cells from newborns exposed to atmospheric pollutants. [Toxicology Letters](#), 259, S115.

136Jimenez-Cordova, M. I., Sanchez-Pena, L. C., Matousek, T., Villarreal, E., Cardenas-Gonzalez, M., Barrera-Hernandez, A., Gonzalez-Horta, M. C., Barbier, O. C. & Del Razo, L. M. (2016). Arsenic metabolism profile in an adult population environmentally co-exposed to fluoride and moderate level of arsenic. [Toxicology Letters](#), 259, S121.

137Martinez-Acuna, M. I., Mejia-Saavedra, J. J., Sanchez-Pena, L. C., Matousek, T., Del Razo, L. M. & Alegria-Torres, J. A. (2016). Mitochondrial DNA copy number in Mexican children co-exposed to inorganic arsenic and fluoride from Zacatecas, Mexico. [Toxicology Letters](#), 259, S126.

138Barbier, O., Cardenas-Gonzalez, M., Parada-Cruz, B., Lopez, V. D., Jimenez-Cordova, M., Solis-Angeles, S. & Del Razo, L. M. (2016). Fluoride: An underestimated nephrotoxic. [Toxicology Letters](#), 259, S13.

139Jimenez-Cordova, M. I., Gonzalez-Horta, M. C., Aguilar-Madrid, G., Barrera-Hernandez, A., Sanchez-Pena, L. C., Barbier, O. C. & Del Razo, L. M. (2016). Evaluation of KIM-1, Cystatin-C and glomerular filtration rate in schoolchildren exposed to inorganic fluoride. [Toxicology Letters](#), 259, S131.

140Gonzalez-Horta, M. C., Villarreal-Vega, E. E., Dominguez-Guerrero, I. A. et al. (2016). Polymorphism of PON1 192 was not associated with atherogenic marker in rural communities of the state of Chihuahua, Mexico exposed to fluoride. [Toxicology Letters](#), 259, S133.

141Villarreal-Vega, E. E., Jimenez-Cordova, M. I., Sanchez-Pena, L. C., Narvaez-Morales, J., Barrera-Hernandez, A., Cardenas-Gonzalez, M., Del Razo, L. M., Gonzalez-Horta, M. C. & Barbier, O. (2016). Lipid peroxidation and total antioxidant status in rural communities exposed to fluoride and arsenic in Chihuahua, Mexico. [Toxicology Letters](#), 259, S133-S134.

142Lopez, L., Hernandez-Tobias, E. A., Noris, G., Santana, C. & Gomez, R. (2016). Genetic variants in the Lipoprotein (a) gene in Mestizo and Amerindian populations from Mexico. [Toxicology Letters](#), 259, S146.

143Uribe-Ramirez, M., Escamilla-Rivera, V., Esquivel-Gaon, M. et al. (2016). In vitro and in vivo biocompatibility evaluation of hydroxyapatite coatings deposited by high velocity oxygen fuel on micromplants for bone prosthetic applications. [Toxicology Letters](#), 259, S153.

144Escamilla-Rivera, V., Uribe-Ramirez, M., Esquivel-Gaon, M., Rodriguez, L., Giraldo-Betancur, A. L., Campos-Villegas, L., Arreola-Mendoza, L., Munoz-Saldana, J. & De Vizcaya Ruiz, A. (2016). Biomimetic titania/hydroxyapatite coating of CrCoMo microimplants enhances biocompatibility and reduces metal-associated toxicity. [Toxicology Letters](#), 259, S154.

145Cruz-Hurtado, M., Lopez Gonzalez, M. L. & Sierra-Santoyo, A. (2016). In vitro metabolism of the anti-androgenic fungicide vinclozolin by human liver microsomes. [Toxicology Letters](#), 259, S156.

146 Alvarado-Cruz, I., Sanchez-Guerra, M., Araujo, A. et al. (2016). Relation between polymorphisms OGG1 (Ser326Cys) and PARP1 (Val762Ala) and DNA damage in children environmentally-exposed to particulate matter. [Toxicology Letters](#), 259, S156.

147 Cardenas-Gonzalez, M., Osorio-Yanez, C., Gaspar-Ramirez, O. et al. (2016). Environmental exposure to arsenic and chromium in children is associated with kidney injury molecule-1. [Toxicology Letters](#), 259, S158.

148 Rubio-Andrade, M., Rosales-Gonzalez, M., Hernandez-Ochoa, I., Cebrian, M. E., Quintanilla-Vega, B. & Garcia-Vargas, G. G. (2016). Relations between renal function, obesity and low blood lead level in an environmentally exposed population. [Toxicology Letters](#), 259, S164.

149 Balderas-Vazquez, C. L., De la Luz-Aguilar, G., Huerta-Dector, F. E., Escamilla, A., Herrera-Huerta, E. V., Garcia-Montalvo, E. A., Del Razo, L. M. & Valenzuela, O. L. (2016). Biomonitoring of lead in whole blood and neurotoxicity risk in resident adults from non-mining rural communities in Veracruz. [Toxicology Letters](#), 259, S168.

150 Pozo-Molina, G., Rivera-Gonzalez, G., Moore-Ambriz, T. R., Hernandez-Zavala, A. & Garrido, E. (2016). Analysis of the ATR/ATM-p53 pathway in the early cellular response to sodium arsenite. [Toxicology Letters](#), 259, S177.

151 Hernandez-Alcantara, J. A., Reyes-Vazquez, L. E., Acosta-Saavedra, L. C. & Calderon-Aranda, E. S. (2016). Methylmercury affects signaling pathways associated with protrusions formation in neuroblastoma cells. [Toxicology Letters](#), 259, S177-S178.

152 Olea-Flores, M., Parra-Rojas, I., Calderon-Aranda, E. S., Huerta-Beristain, G., Castaneda-Saucedo, E. & Moreno-Godinez, M. E. (2016). Cytotoxicity of methamidophos in MCF10A Cells: Oxidative stress and DNA damage. [Toxicology Letters](#), 259, S179-S180.

153 Solorio-Rodriguez, A., Montesinos-Cruz, V., Escamilla-Rivera, V., Uribe-Ramirez, M., Garcia-Cuellar, C. M. & De Vizcaya-Ruiz, A. (2016). Characterization of protein corona around of SiO<sub>2</sub>-PEG-Tf NP in human plasma and its influence in active targeting. [Toxicology Letters](#), 259, S185.

154 Vega-Jimenez, A. L., Almaguer-Flores, A., Camps, E., Uribe-Ramirez, M. & Vizcaya-Ruiz, A. (2016). Cytotoxicity of bismuth subsalicylate nanoparticles in human gingival fibroblast. [Toxicology Letters](#), 259, S190.

155 Rodriguez-Reyna, I. S., Varela-Rodriguez, L., Hernandez-Rodriguez, P., Ramos-Martinez, E., Gonzalez-Horta, C., Talamas-Rohana, P. & Sanchez-Ramirez, B. (2016). Acute toxicity evaluation of *Rhus trilobata* stems extract in BALB/c mice. [Toxicology Letters](#), 259, S193.

156 Guerrero-Salgado, F., Rodriguez-Castillo, A. J., Infante-Ramirez, R., Gonzalez-Horta, M. C., Talamas-Rohana, P. & Sanchez-Ramirez, B. (2016). Anti-inflammatory effect of *Rhus trilobata* extracts in lipopolysaccharides-stimulated J774 macrophages. [Toxicology Letters](#), 259, S194.

157 Garcia-Ramirez, H. A., Gonzalez-Horta, C., Infante-Ramirez, R., Talamas-Rohana, P. & Sanchez-Ramirez, B. (2016). In vitro amoebicidal activity of the fruits and stems extracts of *Rhus trilobata* on *Entamoeba histolytica* trophozoites. [Toxicology Letters](#), 259, S194.

158 Varela-Rodriguez, L., Rodriguez-Reyna, I. S., Sanchez-Ramirez, B., Ramos-Martinez, E., Gonzalez-Horta, C. & Talamas-Rohana, P. (2016). Subacute toxicity determination of intraperitoneal treatment of BALB/c mice with Rhus trilobata. [Toxicology Letters](#), 259, S195.

159 Rivera-Rosas, M., Santes, V., Ortiz-Martinez, J., Martin-Tapia, D. & Arreola-Mendoza, L. (2016). Treatment to streptozotocin hyperglycemic rats with Ibervillea sonorae root extract increases GLUT4 plasma membrane translocation in thigh muscle tissue. [Toxicology Letters](#), 259, S197.

160 Ramos-Chavez, L. A., Petrosyan, P., Rendon-Lopez, C. R. R., Silva-Adaya, D., Zepeda, A., Del Razo, L. M. & Gonsebatt, M. E. (2016). Gestational exposure to inorganic arsenic modulate amino acid transporters (L-glutamate/cystine and cysteine) and NMDA receptor in mouse brain with memory impairment. [Toxicology Letters](#), 259, S201.

161 Reyes-Vazquez, L. E., Hernandez-Alcantara, J. A., Acosta-Saavedra, L. C. & Calderon-Aranda, E. S. (2016). Methylmercury affects colocation of doublecortin-tubulin in SH-SY5Y cells. [Toxicology Letters](#), 259, S204.

162 Bernal-Hernandez, Y. Y., Medina-Diaz, I. M., Barron-Vivanco, B. S., Giron-Perez, M. I., Quintanilla-Vega, B., Paredes-Cespedes, D. M., Lopez-Martinez, G. & Rojas-Garcia, A. E. (2016). Paraoxonase 1 and its relationship with pesticide biomarkers in indigenous Mexican farmworkers. [Toxicology Letters](#), 259, S209.

163 Zepeda-Arce, R. D., Pier-Villegas, G., Benitez-Trinidad, A. B., Bernal-Hernandez, Y. Y., Medina-Diaz, I. M., Barron-Vivanco, B. S., Quintanilla-Vega, B. & Rojas-Garcia, A. E. (2016). Evaluation of oxidative stress, antioxidant enzyme activities, and genetic damage in sprayers exposed to pesticides. [Toxicology Letters](#), 259, S210.

164 Quinto-Ruiz, E., Sanchez-Carlos, J. J., Moreno-Godinez, M. E., Gonzalez-Calixto, C., Calixto-Galvez, M., Quintanilla-Vega, B., Hernandez-Ochoa, I. & Uriostegui-Acosta, M. (2016). Glufosinate ammonium alters quality and DNA in mouse spermatozoa. [Toxicology Letters](#), 259, S216.

165 Solis-Heredia, M., Alvarez-Puentes, G. A., Benitez-Trinidad, A. B., Herrera-Moreno, J. F., Medina-Diaz, I. M., Bernal-Hernandez, Y. Y., Barron-Vivanco, B. S., Quintanilla-Vega, B. & Rojas-Garcia, A. E. (2016). Neurotoxicity and reproductive biomarkers in pesticide sprayers. [Toxicology Letters](#), 259, S224.

166 Rojas-Alonso, R., Nunez-Tapia, F. A., Moreno-Godinez, M. E., Talavera-Mendoza, O., Ortuno-Pineda, C., Quintanilla-Vega, B., Solis-Heredia, M. J., Rodriguez-Mercado, J. J. & Uriostegui-Acosta, M. (2016). Effect of quality sperm and DNA damage by thallium exposure in mice mature sperm. [Toxicology Letters](#), 259, S232-S233.

167 Sierra-Santoyo, A., Lopez-Banuelos, L., Rojas-Flores, K., Ortega-Olvera, J. M., Gonzalez-Mariscal, L., Verdin-Betancourt, F. A., Lopez-Gonzalez, M. L., Cruz-Hurtado, M. & Galot-Linaldi, J. (2016). Dosimetry of the antiandrogen vinclozolin and its effect on the integrity of the blood-testis barrier in male adult rat. [Toxicology Letters](#), 259, S233.

168 Uriostegui-Acosta, M., Ramirez-Vargas, M. A., Huerta-Beristain, G., Quintanilla-Vega, B., Hernandez-Ochoa, I., Calderon-Aranda, E. & Moreno-Godinez, M. E. (2016). Effects of cadmium exposure on spermatids and maturing sperm of mice. [Toxicology Letters](#), 259, S233.

169 Tello-Mora, P., Hernandez-Cadena, L., Lopez-Bayghen, E. & Quintanilla-Vega, B. (2016). Acrosome reaction and sperm DNA fragmentation as predictors of male fertility and the relationship with environmental factors. [Toxicology Letters](#), 259, S234.

170 Godinez-Solis, Y., Martinez-Aguilar, G., Solis-Heredia, M. J. & Quintanilla-Vega, B. (2016). Spontaneous sperm acrosome reaction is altered by subchronic lead exposure in mice. [Toxicology Letters](#), 259, S234.

171 Parra-Forero, L. Y., Vargas-Marin, S., Veloz-Contreras, A., Acuna-Hernandez, D. G., Solis-Heredia, M. J., Sanchez-Gutierrez, M., Herrick, J. R. & Hernandez-Ochoa, I. (2016). Subacute exposure to di(2-ethylhexyl) phthalate delays zygote development as assessed by in vivo fertilization. [Toxicology Letters](#), 259, S234-S235.

172 Garcia-Zepeda, S. P., Acuna-Hernandez, D. G., Santacruz-Marquez, R. & Hernandez-Ochoa, I. (2016). Bisphenol-A does not alter mRNA levels of genes encoding proteins involved in communication and expansion of the cumulus cells-oocyte complex. [Toxicology Letters](#), 259, S236.

173 Millan-Mejia, L., Garcia-Zepeda, S. P. & Hernandez-Ochoa, I. (2016). Temephos decreases ovarian antral follicle growth in an in vitro system. [Toxicology Letters](#), 259, S236.

174 Parada-Cruz, B., Jacobo-Estrada, T., Escamilla-Rivera, V., Martinez-Olivas, M. A. & Barbier, O. (2016). Renal expression of inflammation-related miRNAs after subchronic exposure to fluoride in a rat model. [Toxicology Letters](#), 259, S241.

175 Gama-Dominguez, Y., Jacobo-Estrada, T., Lopez-Ventura, D., Moreno-Licona, N. J., Trevino, S. & Barbier, O. (2016). Effect of renal ischemia on sub-chronically exposed rats to fluoride evaluated by the expression of hypoxia-inducible factor 1alpha (HIF-1alpha). [Toxicology Letters](#), 259, S241-S242.

176 Ortega-Romero, M. S., Hernandez-Sanchez, A. M., Medeiros-Domingo, M. & Barbier, O. (2016). Evaluation of risk factors for renal disease in a pediatric Mexican meztizo population from Apizaco in Tlaxcala Mexico. [Toxicology Letters](#), 259, S242.

177 Gomez-Torres, X., Esquivel-Gaon, M., Lopez-Ventura, D. J., Trevino, S., Del Razo, L. M., Barbier, O. & De Vizcaya-Ruiz, A. (2016). Subchronic exposure to bismuth trioxide nanoparticles induces mild nephrotoxicity in male Wistar rats. [Toxicology Letters](#), 259, S242-S243.

178 Rafael-Vazquez, L., Bazan-Perkins, B., Romero, D. & Quintanilla-Vega, B. (2016). Effects of Di(2-ethylhexyl) phthalate (DEHP) and Mono(2-ethylhexyl) phthalate (MEHP) on cell progression and expression of proteins of epithelial-mesenchymal transition: a possible effect on fibrosis? [Toxicology Letters](#), 259, S247.

179 Narvaez Morales, J., Perez-Cortes, D. A., Reyes, J. L., Segovia-Vila, J. & Barbier, O. (2016). Evaluation of the expression of GAS1 protein as an acute tubular damage marker in kidney tissue using a rat model exposed to gentamicin. [Toxicology Letters](#), 259, S247.

- 180Mendez, M. A., Gonzalez-Horta, C., Sanchez-Ramirez, B. et al. (2016). Arsenic exposure and cardiometabolic risk in Chihuahua, Mexico. [Toxicology Letters](#), 259, S32-S33.
- 181Quintanilla-Vega, B. (2016). Sperm cells are target of pesticides toxicity depending on the stage of maturation and type of pesticide. [Toxicology Letters](#), 259, S36.
- 182De Vizcaya-Ruiz, A., Aztatzi-Aguilar, G., Uribe-Ramirez, M. & Barbier, O. (2016). Ambient particulate matter induces systemic toxicity: Implications of PM composition, size and oxidative potential. [Toxicology Letters](#), 259, S50.
- 183Cebrian, M. E. (2016). Introduction to environmental causes of breast cancer. [Toxicology Letters](#), 259, S58.
- 184Merida-Ortega, A., Hernandez-Alcaraz, C., Garcia-Martinez, A., Trejo-Valdivia, B., Salinas-Rodriguez, A., Svensson, K., Cebrian, M. E. & Lopez-Carrillo, L. (2016). Phthalate exposure, flavonoid consumption and breast cancer risk among Mexican women. [Toxicology Letters](#), 259, S59.
- 185Albores, A. (2016). Chemical exposure and cost of health effects; the case of tobacco smoking. [Toxicology Letters](#), 259, S74.
- 186Falcon-Rodriguez, C. I., Garcia-Alonso, L. I., Hernandez-Ojeda, S. L., Espinosa-Aguirre, J. J., De Vizcaya-Ruiz, A., Rosas-Perez, I. & Segura-Medina, P. (2016). Inhalation of concentrated PM2.5 affects pulmonary CYP450 activity in a guinea pig model of asthma. [Toxicology Letters](#), 259, S76.
- 187Morales-Rubio, R., Uribe-Ramirez, M., Aztatzi-Aguilar, O. & De Vizcaya-Ruiz, A. (2016). Assessment of aldosterone synthase (CYP11B2), mineralocorticoid receptor expression and markers of fetal cardiac gene reprogramming in rats exposed to fine particles. [Toxicology Letters](#), 259, S76-S77.
- 188Aztatzi-Aguilar, O. G., Rojas-Lima, E., Barbier, O. & De Vizcaya-Ruiz, A. (2016). Association of chemical components and endotoxin in PM2.5 with early kidney damage. [Toxicology Letters](#), 259, S78.
- 189Falcon-Rodriguez, C. I., Garcia-Alonso, L. I., Osornio-Vargas, A., Manzano-Leon, N., Rosas-Perez, I., De Vizcaya-Ruiz, A. & Segura-Medina, P. (2016). Immunologic response to ozone and PM < 2.5 from Mexico City in a Guinea pig asthma model. [Toxicology Letters](#), 259, S79-S80.
- 190Verdin-Betancourt, F. A., Lopez-Gonzalez, M. L., Cruz-Hurtado, M., Cerda, C., Figueroa, M. & Sierra-Santoyo, A. (2016). Chemical characterization of vinclozoline M5 metabolite. [Toxicology Letters](#), 259, S88.
- 191Ortiz-Robles, C., Barrera-Hernandez, A., Sanchez-Pena, C., Marquez-Herrera, C., Lopez-Bayghen, E., Quintanilla-Vega, B. & Del Razo, L. M. (2016). Pretreatment of human hair for the determination of trace metals by ICP-MS. [Toxicology Letters](#), 259, S89.

192 Suarez-Pozos, E., De Vizcaya-Ruiz, A. & Ortega, A. (2016). Particulate matter disrupts the glutamate uptake in cerebellar glia cells: Implications for glutamatergic transmission. [Toxicology Letters](#), 259, S9.

193 Alvarez, G. I., Munoz, C. L. S., Perez, G. A., Madrigal, E., Jimenez, M. C., Davila, O. G., Villa, T. S. & Sanchez, C. X. (2016). Chemopreventive effect of chickpea (*Cicer arietinum*) protein hydrolysate on colon cancer in mouse. [Toxicology Letters](#), 259, S93.

**[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS**

194 Hernandez-Aguilar, C., Dominguez-Pacheco, A., Cruz-Orea, A. et al. (2016). Laser Biostimulation in Seeds and Plants. [Gayana Botanica](#), 73(1), 132-149.

195 Lepeta, K., Lourenco, M. V., Schweitzer, B. C. et al. (2016). Synaptopathies: Synaptic Dysfunction in Neurological Disorders - a Review From Students to Students. [Journal of Neurochemistry](#), 138(6), 785-805.

Última actualización: marzo 23, 2017 11:17 a.m.

## ARTÍCULOS DEL MES DE NOVIEMBRE DE 2016

### **[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXLENTO EN REVISTAS INCLUIDAS EN JCR**

- 1 Lopez-Gonzalez, G., Altamirano-Gomez, G. & Bayro-Corrochano, E. (2016). Geometric Entities Voting Schemes in the Conformal Geometric Algebra Framework. [Advances in Applied Clifford Algebras](#), 26(3), 1045-1059.
- 2 Osuna-Gonzalez, G., Carbajal-Espinosa, O., Loukianov, A. & Bayro-Corrochano, E. (2016). Geometric Perception of Pose and Tracking. [Advances in Applied Clifford Algebras](#), 26(3), 1081-1093.
- 3 Garrido-Bazan, V., Tellez-Tellez, M., Herrera-Estrella, A., Diaz-Godinez, G., Nava-Galicia, S., Villalobos-Lopez, M. A., Arroyo-Becerra, A. & Bibbins-Martinez, M. (2016). Effect of Textile Dyes on Activity and Differential Regulation of Laccase Genes From Pleurotus Ostreatus Grown in Submerged Fermentation. [Amb Express](#), 6, 93.
- 4 Martin-Tovar, E. A., Diaz, E. C. Y., Acosta, M., Castro-Rodriguez, R. & Iribarren, A. (2016). N-Doped Zno Films Grown From Hybrid Target by the Pulsed Laser Deposition Technique. [Applied Physics a-Materials Science & Processing](#), 122(10), 919.
- 5 Jimenez-Perez, J. L., Gamboa, G. L., Fuentes, R. G., Ramirez, J. F. S., Pacheco, Z. N. C., Lopez-Y-Lopez, V. E. & Tepech-Carrillo, L. (2016). Synthesis and Thermal Properties of New Bionanofluids Containing Gold Nanoparticles. [Applied Physics a-Materials Science & Processing](#), 122(10), 925.
- 6 Duncan, R. A., Hofmann, F., Vega-Flick, A., Eliason, J. K., Maznev, A. A., Every, A. G. & Nelson, K. A. (2016). Increase in Elastic Anisotropy of Single Crystal Tungsten Upon He-Ion Implantation Measured With Laser-Generated Surface Acoustic Waves. [Applied Physics Letters](#), 109(15), 151906.
- 7 Trujillo-Ocampo, A., Cazares-Raga, F. E., Celestino-Montes, A., Cortes-Martinez, L., Rodriguez, M. H. & Hernandez-Hernandez, F. D. (2016). Identification and Expression Analysis of Two 14-3-3 Proteins in the Mosquito Aedes Aegypti, an Important Arboviruses Vector. [Archives of Insect Biochemistry and Physiology](#), 93(3), 143-159.
- 8 Ramirez-Velasquez, J. M., Klapp, J., Gabbasov, R., Cruz, F. & Sigalotti, L. D. (2016). Impetus: New Cloudy's Radiative Tables for Accretion Onto a Galaxy Black Hole. [Astrophysical Journal Supplement Series](#), 226(2), 22.
- 9 Osorio-Mendez, J. F., Vizcaino-Castillo, A., Manning-Cela, R., Hernandez, R. & Cevallos, A. M. (2016). Expression of profilin in Trypanosoma cruzi and identification of some of its ligands. [Biochemical and Biophysical Research Communications](#), 480(4), 709-714.

- 10Torres-Aviles, N. A., Albores-Garcia, D., Luna, A. L., Moreno-Galvan, M., Salgado-Bustamante, M., Portales-Perez, D. P. & Calderon-Aranda, E. S. (2016). Exposure to P,P '-Dde Induces Morphological Changes and Activation of the Pkc Alpha-P38-C/Ebp Beta Pathway in Human Promyelocytic HL-60 Cells. [Biomed Research International](#), 2016, 1375606.
- 11Hernandez-Flores, A., Almaraz-Barrera, M. D., Lozano-Amado, D. et al. (2016). A New Nucleocytoplasmic Rhogap Protein Contributes to Control the Pathogenicity of Entamoeba Histolytica by Regulating Ehracc and Ehracd Activity. [Cellular Microbiology](#), 18(11), 1653-1672.
- 12Osornio-Rubio, N. R., Torres-Ochoa, J. A., Palma-Tirado, M. L., Jimenez-Islas, H., Rosas-Cedillo, R., Fierro-Gonzalez, J. C. & Martinez-Gonzalez, G. M. (2016). Study of the Dehydroxylation of Kaolinite and Alunite From a Mexican Clay With Drifts-Ms. [Clay Minerals](#), 51(1), 55-68.
- 13Jastrzebska, I., Pawlak, T., Arcos-Ramos, R. et al. (2016). Synthesis, Structure, and Local Molecular Dynamics for Crystalline Rotors Based on Hecogenin/Botogenin Steroidal Frameworks. [Crystal Growth & Design](#), 16(10), 5698-5709.
- 14Haro-Perez, C., Lovallo, M., Moreno-Torres, L. R., Ramirez-Rojas, A., Rojas-Ochoa, L. F., Zuccolotto-Bernez, A. B. & Telesca, L. (2016). Investigating the Time Dynamics of Photon Sequences Scattered by Tracer Particles Immersed in a Polymeric Gel. [EPL](#), 115(4), 47004.
- 15Alcantara-Montiel, J. C., Staines-Boone, T., Lopez-Herrera, G., Berron-Ruiz, L., Borrego-Montoya, C. R. & Santos-Argumedo, L. (2016). Somatic Mosaicism in B Cells of a Patient With Autosomal Dominant Hyper IgE Syndrome. [European Journal of Immunology](#), 46(10), 2438-2443.
- 16Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Forward-Backward Asymmetry of Drell-Yan Lepton Pairs in Pp Collisions at Root S=8 TeV. [European Physical Journal C](#), 76(6), 325.
- 17Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Lepton Flavour Violating Decays of Heavy Resonances and Quantum Black Holes to an E Mu Pair in Proton-Proton Collisions at Root S=8 TeV. [European Physical Journal C](#), 76(6), 317.
- 18Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for New Physics in Same-Sign Dilepton Events in Proton-Proton Collisions at root s=13 TeV. [European Physical Journal C](#), 76(8), 439.
- 19Sanchez-Villamil, J., Tapia-Pastrana, G. & Navarro-Garcia, F. (2016). Pathogenic Lifestyles of E. Coli Pathotypes in a Standardized Epithelial Cell Model Influence Inflammatory Signaling Pathways and Cytokines Secretion. [Frontiers in Cellular and Infection Microbiology](#), 6, 120.
- 20Lobato-Alvarez, J. A., Roldan, M. L., Lopez-Murillo, T. D., Gonzalez-Ramirez, R., Bonilla-Delgado, J. & Shoshani, L. (2016). The Apical Localization of Na<sup>+</sup>, K<sup>+</sup>-Atpase in Cultured Human Retinal Pigment Epithelial Cells Depends on Expression of the Beta(2) Subunit. [Frontiers in Physiology](#), 7, 450.
- 21Sanchez-Flores, A., Penalosa, F., Carpintero-Ponce, J., Nazario-Yepiz, N., Abreu-Goodger, C., Machado, C. A. & Markow, T. A. (2016). Genome Evolution in Three Species of Cactophilic Drosophila. [G3-Genes Genomes Genetics](#), 6(10), 3097-3105.

22Cruz-Morales, P., Kopp, J. F., Martinez-Guerrero, C., Yanez-Guerra, L. A., Selem-Mojica, N., Ramos-Aboites, H., Feldmann, J. & Barona-Gomez, F. (2016). Phylogenomic Analysis of Natural Products Biosynthetic Gene Clusters Allows Discovery of Arseno-Organic Metabolites in Model Streptomycetes. [Genome Biology and Evolution](#), 8(6), 1906-1916.

23Rosas-Arellano, A., Villalobos-Gonzalez, J. B., Palma-Tirado, L., Beltran, F. A., Carabez-Trejo, A., Missirlis, F. & Castro, M. A. (2016). A Simple Solution for Antibody Signal Enhancement in Immunofluorescence and Triple Immunogold Assays. [Histochemistry and Cell Biology](#), 146(4), 421-430.

24Garcia, F., Cervantes, J., Lopez, A. & Alvarado, M. (2016). Fruit Classification by Extracting Color Chromaticity, Shape and Texture Features: Towards an Application for Supermarkets. [Ieee Latin America Transactions](#), 14(7), 3434-3443.

25Lin, Q. Z., Chen, J. Y., Zhan, Z. H., Chen, W. N., Coello, C. A. C., Yin, Y. L., Lin, C. M. & Zhang, J. (2016). A Hybrid Evolutionary Immune Algorithm for Multiobjective Optimization Problems. [Ieee Transactions on Evolutionary Computation](#), 20(5), 711-729.

26Elizondo, C., Marquez-Linares, M. A., Marin-Garcia, M. L. & Gutierrez-Yurrita, P. J. (2016). Naturally Growing Flora in Abandoned Mine Tailings Susceptible of Being Used in Reclamation, Zimapan, Hidalgo, Mexico. [Interciencia](#), 41(7), 492-498.

27Hernandez-Sanchez, D., Leyva-Montiel, J. L. & Perez-Angon, M. A. (2016). University-Industry Collaboration: a Successful Case in the Electronics and Software Design Area in Mexico. [Interciencia](#), 41(10), 668-673.

28Martinez, P. A., Castelan, M. & Arechavaleta, G. (2016). Vision Based Persistent Localization of a Humanoid Robot for Locomotion Tasks. [International Journal of Applied Mathematics and Computer Science](#), 26(3), 669-682.

29Avila-Rodriguez, D., Ortiz-Plata, A., Aguirre-Benitez, E., Gomez-Amador, J., Rembaño-Bojorquez, D., Tena-Suck, M., Solano-Agama, C. & Mendoza-Garrido, M. E. (2016). N-Cadherin and Vimentin Expression in Small Rounded-Shaped Cells of Non-Functioning Human Pituitary Adenomas. [International Journal of Clinical and Experimental Pathology](#), 9(8), 7854-7866.

30Mejia-Rangel, J., Cordova, E., Orozco, L. et al. (2016). Pro-Adhesive Phenotype of Normal Endothelial Cells Responding to Metastatic Breast Cancer Cell Conditioned Medium Is Linked to Nf Kappa B-Mediated Transcriptomic Regulation. [International Journal of Oncology](#), 49(5), 2173-2185.

31Quezada-Naquid, M., Marcelin-Jimenez, R. & Gonzalez-Compean, J. L. (2016). Babel: the Construction of a Massive Storage System. [International Journal of Web Services Research](#), 13(4), 36-53.

32Trujillo-Vazquez, E., Pech-Canul, M. I. & Marcazzo, J. (2016). Thermoluminescent Characterization of Al<sub>2</sub>O<sub>3</sub>-Derived Synthetic Topaz. [Journal of Alloys and Compounds](#), 689, 500-506.

- 33 Munoz, I., Daneili, L., Claver, J. et al. (2016). Kinesin-1 Controls Mast Cell Degranulation and Anaphylaxis Through Pi3k-Dependent Recruitment to the Granular Sip3/Rab27b Complex. [Journal of Cell Biology](#), 215(2), 203-216.
- 34 Gimenez, P., Simis, A., Vasconcelos, W. V. & Villarreal, R. H. (2016). On Complete Monomial Ideals. [Journal of Commutative Algebra](#), 8(2), 207-226.
- 35 Breton-Deval, L., Rossetti, S., Rios-Leal, E., Matturro, B. & Poggi-Varaldo, H. M. (2016). Effect of Coupling Zero-Valent Iron Side Filters on the Performance of Bioreactors Fed With a High Concentration of Perchloroethylene. [Journal of Environmental Engineering](#), 142(11), 1061.
- 36 Chavez-Munguia, B., Salazar-Villatoro, L., Omana-Molina, M., Espinosa-Cantellano, M., Ramirez-Flores, E., Lorenzo-Morales, J. & Martinez-Palomo, A. (2016). Acanthamoeba Culbertsoni: Electron-Dense Granules in a Highly Virulent Clinical Isolate. [Journal of Eukaryotic Microbiology](#), 63(6), 744-750.
- 37 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for New Physics With the M-T2 Variable in All-Jets Final States Produced in Pp Collisions at Root S=13 Tev. [Journal of High Energy Physics](#), (10), 006.
- 38 Carabarin-Lima, A., Leon-Izurieta, L., Rocha-Gracia, R. D. et al. (2016). First Evidence of Polar Flagella in Klebsiella Pneumoniae Isolated From a Patient With Neonatal Sepsis. [Journal of Medical Microbiology](#), 65, 729-737.
- 39 Morales-Meza, S., Perez-Peralta, N., Sanchez-Castro, M. E. & Sanchez, M. (2016). Theoretical Study of Penta- and Heteropentadienyl Beryllium Complexes Coordinated to Hydrogen Molecules. [Journal of Molecular Modeling](#), 22(10), 245.
- 40 Pariona, N., Herrera-Trejo, M., Oliva, J. & Martinez, A. I. (2016). Peroxidase-Like Activity of Ferrihydrite and Hematite Nanoparticles for the Degradation of Methylene Blue. [Journal of Nanomaterials](#), 2016, 3427809.
- 41 Pech-May, N. W., Oleaga, A., Mendioroz, A. & Salazar, A. (2016). Fast Characterization of the Width of Vertical Cracks Using Pulsed Laser Spot Infrared Thermography. [Journal of Nondestructive Evaluation](#), 35(2), 22.
- 42 Juaristi, E. & Notario, R. (2016). Theoretical Evidence for the Relevance of N(F) -> Sigma\*(C-X) (X = H, C, O, S) Stereoelectronic Interactions. [Journal of Organic Chemistry](#), 81(3), 1192-1197.
- 43 Xia, X. X., Kuang, X. Y., Lu, C., Jin, Y. Y., Xing, X. D., Merino, G. & Hermann, A. (2016). Deciphering the Structural Evolution and Electronic Properties of Magnesium Clusters: an Aromatic Homonuclear Metal Mg-17 Cluster. [Journal of Physical Chemistry a](#), 120(40), 7947-7954.
- 44 Akiba, K., Akbiyik, M., Albrow, M. et al. (2016). Lhc Forward Physics. [Journal of Physics G-Nuclear and Particle Physics](#), 43(11), 110201.

- 45Kumar, K. M., Godavarthi, S., Velez, E. V., Diaz, M. C., Mahendhiran, M., Hernandez-Elgio, A., Rao, M. G. S. & Gomez, L. M. (2016). Green Synthesis of Hausmannite Nanocrystals and Their Photocatalytic Dye Degradation and Antimicrobial Studies. [Journal of Sol-Gel Science and Technology](#), 80(2), 396-401.
- 46Concha, A., Garrido, R. & Alvarez-Icaza, L. (2016). Identification of Shear Buildings Using an Instrumental Variable Method and Linear Integral Filters. [Journal of Sound and Vibration](#), 385, 149-170.
- 47Zamora-Peredo, L., Garcia-Gonzalez, L., Hernandez-Torres, J., Cortes-Mestizo, I. E., Mendez-Garcia, V. H. & Lopez-Lopez, M. (2016). Photoreflectance and Raman Study of Surface Electric States on Algaas/Gaas Heterostructures. [Journal of Spectroscopy](#), 2016, 4601249.
- 48Martinez-Guerra, R., Montesinos-Garcia, J. J. & Delfin-Prieto, S. M. (2016). Secure communications via synchronization of Liouvillian chaotic systems. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 353(17), 4384-4399.
- 49Martinez-Milian, G. & Olvera-Novoa, M. A. (2016). Evaluation of Potential Feed Ingredients for the Juvenile Four-Sided Sea Cucumber, Isostichopus Badionotus. [Journal of the World Aquaculture Society](#), 47(5), 712-719.
- 50Parra, S. M., Valle-Levinson, A., Marino-Tapia, I., Enriquez, C., Candela, J. & Sheinbaum, J. (2016). Seasonal Variability of Saltwater Intrusion at a Point-Source Submarine Groundwater Discharge. [Limnology and Oceanography](#), 61(4), 1245-1258.
- 51Ortega-Amaya, R., Matsumoto, Y., Flores-Conde, A., Perez-Guzman, M. A. & Ortega-Lopez, M. (2016). In Situ Formation of Rgo Quantum Dots During Go Reduction Via Interaction With Citric Acid in Aqueous Medium. [Materials Research Express](#), 3(10), 105601.
- 52Carreno-Fuentes, L., Bahena, D., Palomares, L. A., Ramirez, O. T., Jose-Yacaman, M. & Plascencia-Villa, G. (2016). Molecular Docking and Aberration-Corrected Stem of Palladium Nanoparticles on Viral Templates. [Metals](#), 6(9), 200.
- 53Caceres-Diaz, L. A., Alvarado-Orozco, J. M., Ruiz-Luna, H., Garcia-Herrera, J. E., Mora-Garcia, A. G., Trapaga-Martinez, G., Arroyave, R. & Munoz-Saldana, J. (2016). Study of the Isothermal Oxidation Process and Phase Transformations in B2-(Ni,Pt)Al/Rene-N5 System. [Metals](#), 6(9), 208.
- 54Sarria-Guzman, Y., Chavez-Romero, Y., Gomez-Acata, S., Montes-Molina, J. A., Morales-Salazar, E., Dendooven, L. & Navarro-Noya, Y. E. (2016). Bacterial Communities Associated With Different Anthurium Andraeanum L. Plant Tissues. [Microbes and Environments](#), 31(3), 321-328.
- 55Garduno-Nolasco, E., Sosa-Pedroza, J. & Jardon-Aguilar, H. (2016). A Printed Volcano Smoke Antenna for Personal Communication Systems. [Microwave and Optical Technology Letters](#), 58(11), 2592-2595.

56z-Delgado-Buenrostro, N. L., Mujica, A., Chiquete-Felix, N., Deciga-Alcaraz, A., Medina-Reyes, E. I., Uribe-Carvajal, S. & Chirino, Y. I. (2016). Role of Wasp and the Small Gtpases Rhoa, Rhob, and Cdc42 During Capacitation and Acrosome Reaction in Spermatozoa of English Guinea Pigs. [Molecular Reproduction and Development](#), 83(10), 927-937.

57Fernandez-Martinez, E., Ponce-Monter, H., Soria-Jasso, L. E., Ortiz, M. I., Arias-Montano, J. A., Barragan-Ramirez, G. & Mayen-Garcia, C. (2016). Inhibition of uterine contractility by thalidomide analogs via phosphodiesterase-4 inhibition and calcium entry blockade. [Molecules](#), 21, 1332.

58Jalife, S., Liu, L., Pan, S., Cabellos, J. L., Osorio, E., Lu, C., Heine, T., Donald, K. J. & Merino, G. (2016). Dynamical Behavior of Boron Clusters. [Nanoscale](#), 8(40), 17639-17644.

59Mejia-Garcia, C., Sanchez-Sanchez, A., Diaz-Valdes, E., Rojas-Morales, M. L. & Avendano-Ibarra, M. A. (2016). A Simple Electrochemical Synthesis and Characterization of Colloidal Silver Nanoparticles. [Nanoscience and Nanotechnology Letters](#), 8(9), 750-754.

60Mon-Perez, E., Salazar, J., Ramos, E., Salazar, J. S., Suarez, A. L., Dutt, A., Santana, G. & Monroy, B. M. (2016). Experimental and Theoretical Rationalization of the Growth Mechanism of Silicon Quantum Dots in Non-Stoichiometric Sinx: Role of Chlorine in Plasma Enhanced Chemical Vapour Deposition. [Nanotechnology](#), 27(45), 455703.

61Redondo-Cubero, A., Galiana, B., Lorenz, K., Palomares, F. J., Bahena, D., Ballesteros, C., Hernandez-Calderon, I. & Vazquez, L. (2016). Self-Organised Silicide Nanodot Patterning by Medium-Energy Ion Beam Sputtering of Si (100): Local Correlation Between the Morphology and Metal Content. [Nanotechnology](#), 27(44), 444001.

62Mallick, S., Li, H., Lipson, M. et al. (2016). The Simons Genome Diversity Project: 300 Genomes From 142 Diverse Populations. [Nature](#), 538(7624), 201-+.

63Tang, J., liu, Z., Zhang, J., Wu, Z., Chai, T. & Yu, W. (2016). Kernel latent features adaptive extraction and selection method for multi-component non-stationary signal of industrial mechanical device. [Neurocomputing](#), 216, 296-309.

64Islas-Preciado, D., Lopez-Rubalcava, C., Gonzalez-Olvera, J., Gallardo-Tenorio, A. & Estrada-Camarena, E. (2016). Environmental Enrichment Prevents Anxiety-Like Behavior Induced by Progesterone Withdrawal in Two Strains of Rats. [Neuroscience](#), 336, 123-132.

65Lara-Valderrabano, L., Rocha, L. & Galvan, E. J. (2016). Propylparaben reduces the excitability of hippocampal neurons by blocking sodium channels. [NeuroToxicology](#), 57, 183-193.

66Cruz, S. L., Gauthereau-Torres, M. Y. & Rivera-Garcia, M. T. (2016). Structure-activity relationship for the anticonvulsant effects of organic solvents. [NeuroToxicology](#), 57, 121-127.

67Hernandez-Gutierrez, C. A., Kudriavtsev, Y., Mota, E., Hernandez, A. G., Escobosa-Echavarria, A., Sanchez-Resendiz, V., Casallas-Moreno, Y. L. & Lopez-Lopez, M. (2016). A new method of making ohmic contacts to p-GaN. [Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions With Materials and Atoms](#), 388, 35-40.

- 68 Berumen-Torres, J. A., Beristain-Bautista, A., Rodriguez-Melgarejo, F., Hernandez-Landaverde, M. A., Lopez-Calzada, G., Araiza, J. J. & Jimenez-Sandoval, S. (2016). Properties of ZnO-Cu<sub>2</sub>-Xe Thin Films Deposited by Sputtering From Composite ZnSe-Cu<sub>2</sub>O Targets. [Optical Materials Express](#), 6(9), 2812.
- 69 Azhmyakov, V., Martinez, J. C. & Poznyak, A. (2016). Optimal Fixed-Levels Control for Nonlinear Systems With Quadratic Cost-Functionals. [Optimal Control Applications & Methods](#), 37(5), 1035-1055.
- 70 Boone, A. T. S., Alcantara-Montiel, J. C., Sanchez-Sanchez, L. M., Arce-Cano, M., Garcia-Campos, J. & Reyes, S. O. L. (2016). Zoledronate as Effective Treatment for Minimal Trauma Fractures in a Child With Stat3 Deficiency and Osteonecrosis of the Hip. [Pediatric Blood & Cancer](#), 63(11), 2054-2057.
- 71 Canseco-Alba, A. & Rodriguez-Manzo, G. (2016). Intra-VTA anandamide infusion produces dose-based biphasic effects on male rat sexual behavior expression. [Pharmacology Biochemistry and Behavior](#), 150-151, 182-189.
- 72 Mejia-Giraldo, J. C., Winkler, R., Gallardo, C., Sanchez-Zapata, A. M. & Puertas-Mejia, M. A. (2016). Photoprotective Potential of Baccharis Antioquensis (Asteraceae) as Natural Sunscreen. [Photochemistry and Photobiology](#), 92(5), 742-752.
- 73 Singh, S., Garcia-Castro, A. C., Valencia-Jaime, I., Munoz, F. & Romero, A. H. (2016). Prediction and Control of Spin Polarization in a Weyl Semimetallic Phase of BiSb. [Physical Review B](#), 94(16), 161116.
- 74 Breton, N. & Lopez, L. A. (2016). Quasinormal Modes of Nonlinear Electromagnetic Black Holes From Unstable Null Geodesics. [Physical Review D](#), 94(10), 104008.
- 75 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Two Higgs Bosons in Final States Containing Two Photons and Two Bottom Quarks in Proton-Proton Collisions at 8 TeV. [Physical Review D](#), 94(5), 052012.
- 76 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Y(nS) polarizations versus particle multiplicity in pp collisions at Root S=7tev. [Physics Letters B](#), 761, 31-52.
- 77 Loera-Quezada, M. M., Leyva-Gonzalez, M. A., Velazquez-Juarez, G., Sanchez-Calderon, L., Do Nascimento, M., Lopez-Arredondo, D. & Herrera-Estrella, L. (2016). A Novel Genetic Engineering Platform for the Effective Management of Biological Contaminants for the Production of Microalgae. [Plant Biotechnology Journal](#), 14(10), 2066-2076.
- 78 Martinez-Zavala, M., Mora-Aviles, M. A., Anaya-Loyola, M. A., Guzman-Maldonado, H., Aguilera-Barreyro, A., Blanco-Labra, A. & Garcia-Gasca, T. (2016). Common Bean Leaves as a Source of Dietary Iron: Functional Test in an Iron-Deficient Rat Model. [Plant Foods for Human Nutrition](#), 71(3), 259-264.

79 Stephens, C. R., Gonzalez-Salazar, C., Sanchez-Cordero, V. et al. (2016). Can You Judge a Disease Host by the Company It Keeps? Predicting Disease Hosts and Their Relative Importance: a Case Study for Leishmaniasis. [Plos Neglected Tropical Diseases](#), 10(10), 1371.

80 Antillon, A., De Vries, A. H., Espinosa-Caballero, M. et al. (2016). An Amphotericin B Derivative Equally Potent to Amphotericin B and With Increased Safety. [Plos One](#), 11(9), 0162171.

81 Delgado-Balbuena, L., Bello-Lopez, J. M., Navarro-Noya, Y. E., Rodriguez-Valentin, A., Luna-Guido, M. L. & Dendooven, L. (2016). Changes in the Bacterial Community Structure of Remediated Anthracene-Contaminated Soils. [Plos One](#), 11(10), e0160991.

82 Hernandez-Hernandez, A. M., Viga-De Alva, D., Huerta-Quintanilla, R., Canto-Lugo, E., Laviada-Molina, H. & Molina-Segui, F. (2016). Friendship Concept and Community Network Structure Among Elementary School and University Students. [Plos One](#), 11(10), 0164886.

83 Garcia-Vazquez, U., Devitt, T. J., De Oca, A. N. M., Rovito, S. M., Caviedes-Solis, I. & Parra-Olea, G. (2016). New Occurrence Records of Eleutherodactylus Syristes in Guerrero and Oaxaca, Mexico. [Revista Mexicana De Biodiversidad](#), 87(3), 1149-1152.

84 Espinosa-Velazquez, Dorantes-Alvarez, L., Gutierrez-Lopez, G. F., Garcia-Anmenta, E., Sanchez-Segura, L., Perea-Flores, M. J., Ceballos-Reyes, G. M. & Moreno, A. O. (2016). Morpho-Structural Description of Unripe and Ripe Avocado Pericarp (*Persea Americana* Mill Var. *Drymifolia*). [Revista Mexicana De Ingenieria Quimica](#), 15(2), 469-480.

85 Romero-Cano, L. A., Gonzalez-Gutierrez, L. V., Baldenegro-Perez, L. A. & Medina-Montes, M. I. (2016). Preparation of Orange Peels by Instant Controlled Pressure Drop and Chemical Modification for Its Use as Biosorbent of Organic Pollutants. [Revista Mexicana De Ingenieria Quimica](#), 15(2), 481-491.

86 Riveiro-Naveira, R. R., Valcarcel-Ares, M. N., Almonte-Becerril, M., Vaamonde-Garcia, C., Loureiro, J., Hermida-Carballo, L., Lopez-Pelaez, E., Blanco, F. J. & Lopez-Armada, M. J. (2016). Resveratrol Lowers Synovial Hyperplasia, Inflammatory Markers and Oxidative Damage in an Acute Antigen-Induced Arthritis Model. [Rheumatology](#), 55(10), 1889-1900.

87 Moreno-Rocha, L. A., Lopez-Munoz, F. J., Medina-Lopez, J. R. & Dominguez-Ramirez, A. M. (2016). Effect of Tramadol on Metamizol Pharmacokinetics and Pharmacodynamics After Single and Repeated Administrations in Arthritic Rats. [Saudi Pharmaceutical Journal](#), 24(6), 674-684.

88 Ravichandran, M., Oza, G., Velumani, S., Ramirez, J. T., Garcia-Sierra, F., Andrade, N. B., Vera, A., Leija, L. & Garza-Navarro, M. A. (2016). Plasmonic/Magnetic Multifunctional Nanoplatform for Cancer Theranostics. [Scientific Reports](#), 6, 34874.

89 Miramontes, J. & Gonzalez-Brambila, C. N. (2016). The Effects of External Collaboration on Research Output in Engineering. [Scientometrics](#), 109(2), 661-675.

90 Valdez, L. F. & Gutierrez, J. M. (2016). Chocolate Classification by an Electronic Nose With Pressure Controlled Generated Stimulation. [Sensors](#), 16(10), 1745.

91 Perez-Torres, R., Torres-Huitzil, C. & Galeana-Zapien, H. (2016). Full on-Device Stay Points Detection in Smartphones for Location-Based Mobile Applications. [Sensors](#), 16(10), 1693.

92 Becerra-Sagredo, J., Malaga, C. & Mandujano, F. (2016). Moments Preserving and High-Resolution Semi-Lagrangian Advection Scheme. [Siam Journal on Scientific Computing](#), 38(4), A2141-A2161.

93 Jafarian, A., Jafari, R., Al Qurashi, M. M. & Baleanu, D. (2016). A novel computational approach to approximate fuzzy interpolation polynomials. [Springerplus](#), 5(1), 1428.

94 Cruz-Bautista, F., Zermenio-Gonzalez, A., Alvarez-Reyna, V., Cano-Rios, P., Rivera-Gonzalez, M. & Siller-Gonzalez, M. (2016). Validation of a Model to Estimate the Wet Bulb Dimensions in Drip Irrigation. [Tecnologia Y Ciencias Del Agua](#), 7(1), 45-55.

95 Xu, X. F., Drobna, Z., Voruganti, V. S. et al. (2016). Association Between Variants in Arsenic (+3 Oxidation State) Methyltransferase (As3mt) and Urinary Metabolites of Inorganic Arsenic: Role of Exposure Level. [Toxicological Sciences](#), 153(1), 112-123.

96 Lopez-Garcia, R. D., Garcia-Pastor, F. A., Castro-Roman, M. J., Alfaro-Lopez, E. & Acosta-Gonzalez, F. A. (2016). Effect of Immersion Routes on the Quenching Distortion of a Long Steel Component Using a Finite Element Model. [Transactions of the Indian Institute of Metals](#), 69(9), 1645-1656.

97 Organista-Nava, J., Gomez-Gomez, Y., Ocadiz-Delgado, R. et al. (2016). The HPV16 E7 oncoprotein increases the expression of Oct3/4 and stemness-related genes and augments cell self-renewal. [Virology](#), 499, 230-242.

98 Gonzalez-Valencia, R., Magana-Rodriguez, F., Cristobal, J. & Thalasso, F. (2016). Hotspot Detection and Spatial Distribution of Methane Emissions From Landfills by a Surface Probe Method. [Waste Management](#), 55, 299-305.

99 Cervantes, F. J., Rodriguez-Lopez, J. L., Pena-Martinez, M., Ascacio-Valdes, J. A., Aguilar, C. N. & Bahena, D. (2016). Enhanced Reduction of P-Nitrophenol by a Methanogenic Consortium Promoted by Metallic Nanoparticles. [Water Air and Soil Pollution](#), 227(10), 368.

100 Tirado-Mendez, J. A., Jardon-Aguilar, H., Delgado-Mendoza, J. L., Flores-Leal, R., Linares-Miranda, R. & Caltenco-Franca, J. H. (2016). Reduced Length Low-Impedance Folded Dipole by Employing Short-Circuited Stub Load. [Wireless Personal Communications](#), 91(1), 205-217.

**[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXLENDO EN OTRAS REVISTAS ESPECIALIZADAS  
(INCLUÍDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)**

101 Martinez-Soto, D. & Ruiz-Herrera, J. (2016). Induced resistance to Ustilago maydis in Zea mays inoculated in non-sterile conditions. [International Hournal of Biotechnology for Wellness Industries](#), 5, 51-59.

102 Solis, C. A. G., Anaya, D. & Owen, P. Q. (2016). Stucco Architectural Sculpture From Calakmul, Campeche, Mexico: Material Transformation Throughout the Technological Process. [Intervencion-Revista Internacional De Conservacion Restauracion Y Museologia](#), 6(14), 16-30.

103 Martinez-Angeles, C. A., Dutra, I., Costa, V. S. & Buenabad-Chavez, J. Processing Markov Logic Networks With Gpus: Accelerating Network Grounding. [Lecture Notes in Artificial Intelligence](#), 9575, 122-136.

104 Rodriguez-Angeles, A., Nijmeijer, H. & Van Kuijk, F. J. M. A Bio-Inspired Autonomous Navigation Controller for Differential Mobile Robots Based on Crowd Dynamics. [Lecture Notes in Computer Science](#), 9713, 553-560.

105 Falcon-Cardona, J. G. & Coello-Coello, C. A. (2016). iMOACO(R): a new indicator-based multi-objective ant colony optimization algorithm for continuous search spaces. [Lecture Notes in Computer Science](#), 9921, 389-398.

106 Lechuga-Gutierrez, L. & Bayro-Corrochano, E. Quaternion Spike Neural Networks. [Lecture Notes in Computer Science](#), 9719, 640-646.

107 Bermudez, D., Drori, J. & Leonhardt, U. Dialogues About Geometry and Light. [Proceedings of the International School of Physics Enrico Fermi](#), 190, 1-30.

108 Mascaro, M., Sacristan, A. I. & Rufino, M. M. (2016). For the Love of Statistics: Appreciating and Learning to Apply Experimental Analysis and Statistics Through Computer Programming Activities (1). [Teaching Mathematics and Its Applications](#), 35(2), 74-87.

#### **[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES**

109 Bayro-Corrochano, E. J. & Hitzer, E. (2016). Special Issue: Signal and Image Processing, Integral Transforms, Cognition and Robotics Using Geometric Algebra Preface. [Advances in Applied Clifford Algebras](#), 26(3), 885-888.

110 Cantoral, R. (2016). Challenges and Achievements for Community of Mathematics Education ... [Revista Latinoamericana De Investigacion En Matematica Educativa-Relime](#), 19(2), 133-134.

#### **[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS**

111 Labastida, A., Haanes, K. A., De Vries, R., Daugherty, B., Lederman, S., Danser, A. H. J., Villalon, C. M. & Maassenvandenbrink, A. (2016). Isometheptene Enantiomers in Human Blood Vessels and Rat Middle Meningeal Artery. [Cephalgia](#), 36, 103-104.

112 Beltran, E. R., Kristian, H., Labastida, A. et al. (2016). Lasmiditan and Sumatriptan: Comparison of in Vivo Vascular Constriction in the Dog and in Vitro Contraction of Human Arteries. [Cephalgia](#), 36, 104-105.

**[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS**

113 Chavez-Lopez, M. D., Zuniga-Garcia, V., Perez-Carreon, J. I., Avalos-Fuentes, A., Escobar, Y. & Camacho, J. (2016). Eag1 Channels as Potential Early-Stage Biomarkers of Hepatocellular Carcinoma. [Biologics-Targets & Therapy](#), 10, 139-148.

114 Celada, M., Gonzalez, D. & Montesinos, M. (2016). Bf Gravity. [Classical and Quantum Gravity](#), 33(21), 213001.

115 Buendia-Monreal, M. & Gillmor, C. S. (2016). Mediator: A key regulator of plant development: Plant Development. [Developmental Biology](#), 419(1), 7-18.

116 Martinez-Castillo, M., Cardenas-Zuniga, R., Coronado-Velazquez, D., Debnath, A., Serrano-Luna, J. & Shibayama, M. (2016). Naegleria Fowleri After 50 Years: Is It a Neglected Pathogen? [Journal of Medical Microbiology](#), 65, 885-896.

117 Lopez-Naranjo, E. J., Gonzalez-Ortiz, L. J., Apatiga, L. M., Rivera-Munoz, E. M. & Manzano-Ramirez, A. (2016). Transparent Electrodes: a Review of the Use of Carbon-Based Nanomaterials. [Journal of Nanomaterials](#), 2016, 4928365.

118 Ruiz-Luna, H., Porcayo-Calderon, J., Alvarado-Orozco, J. M., Garcia-Herrera, J. E., Martinez-Gomez, L., Trapaga-Martinez, L. G. & Munoz-Saldana, J. (2016). Electrochemical Corrosion of Hvof-Sprayed Nicraly Coatings in Co<sub>2</sub>-Saturated Brine. [Journal of Thermal Spray Technology](#), 25(7), 1330-1343.

119 Perez-Torres, R., Torres-Huitzil, C. & Galeana-Zapien, H. (2016). Power Management Techniques in Smartphone-Based Mobility Sensing Systems: a Survey. [Pervasive and Mobile Computing](#), 31, 1-21.

120 Gonzalez-Sanchez, D. & Hernandez-Lerma, O. (2016). A Survey of Static and Dynamic Potential Games. [Science China-Mathematics](#), 59(11), 2075-2102.

# ARTÍCULOS DEL MES DE DICIEMBRE DE 2016

## **[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXLENDO EN REVISTAS INCLUIDAS EN JCR**

- 1 Berron-Ruiz, L., Lopez-Herrera, G., Avalos-Martinez, C. E., Valenzuela-Ponce, C., Ramirez-Sanjuan, E., Santoyo-Sanchez, G., Guzman, F. M., Espinosa-Rosales, F. J. & Santos-Argumedo, L. (2016). Variations of B Cell Subpopulations in Peripheral Blood of Healthy Mexican Population According to Age: Relevance for Diagnosis of Primary Immunodeficiencies. [Allergologia Et Immunopathologia](#), 44(6), 571-579.
- 2 Azcorra, H., Dickinson, F. & Banik, S. D. (2016). Maternal Height and Its Relationship to Offspring Birth Weight and Adiposity in 6-to 10-Year-Old Maya Children From Poor Neighborhoods in Merida, Yucatan. [American Journal of Physical Anthropology](#), 161(4), 571-579.
- 3 Gomez-Lopez, N., Romero, R., Arenas-Hernandez, M., Ahn, H., Panaitescu, B., Vadillo-Ortega, F., Sanchez-Torres, C., Salisbury, K. S. & Hassan, S. S. (2016). In Vivo T-Cell Activation by a Monoclonal Alpha Cd3 Epsilon Antibody Induces Preterm Labor and Birth. [American Journal of Reproductive Immunology](#), 76(5), 386-390.
- 4 Burguete-Argueta, N., De La Cruz, B. M., Camacho-Mejorado, R. et al. (2016). Forensic-Paternity Effectiveness and Genetics Population Analysis of Six Non-Codis Mini-Str Loci (D1s1656, D2s441, D6s1043, D10s1248, D12s391, D22s1045) and Se33 in Mestizo and Amerindian Populations From Mexico. [Annals of Human Biology](#), 43(6), 563-571.
- 5 Banik, S. D. (2016). Sitting Height Ratio and Interpretation of Bmi-Based Nutritional Status Among Sarak Adults of Bundu, Ranchi, Jharkhand, India. [Anthropological Notebooks](#), 22(1), 109-115.
- 6 Banik, S. D., Ghosh, M. & Bose, K. (2016). Anthropometric and body frame size characteristics in relation to body mass index and percentage body fat among adult Bengalee male brick-kiln workers from Murshidabad, West Bengal, India. [Anthropologischer Anzeiger; Bericht Uber Die Biologisch-Anthropologische Literatur](#), 73(4), 313-321.
- 7 Cruz-Plancarte, I., Cazares, A. & Guarneros, G. (2016). Genomic and Transcriptional Mapping of Pamx41, Archetype of a New Lineage of Bacteriophages Infecting Pseudomonas Aeruginosa. [Applied and Environmental Microbiology](#), 82(22), 6541-6547.
- 8 Zuccolotto-Bernez, A. B., Ben Braham, N., Haro-Perez, C. & Rojas-Ochoa, L. F. (2016). Characterization of Slow Dynamics in Turbid Colloidal Systems by a Cross-Correlation Scheme Based on Echo Dynamic Light Scattering. [Applied Optics](#), 55(31), 8806-8812.
- 9 Abeysekara, A. U., Alfaro, R., Alvarez, C. et al. (2016). Search for Tev Gamma-Ray Emission From Point-Like Sources in the Inner Galactic Plane With a Partial Configuration of the Hawc Observatory. [Astrophysical Journal](#), 817(1), 3.

- 10 Portillo, W., Gonzalez-Flores, O., Camacho, F. J., Mani, S. K. & Paredes, R. G. (2016). Participation of Progesterone Receptors in Facilitation and Sequential Inhibition of Lordosis Response Induced by Ring a-Reduced Progesterone Metabolites in Female Mice. [Behavioral Neuroscience](#), 130(6), 624-634.
- 11 Orencio-Trejo, M., Torres-Granados, J., Rangel-Lara, A. et al. (2016). Cellulase and Xylanase Production by the Mexican Strain Talaromyces stollii LV186 and Its Application in the Saccharification of Pretreated Corn and Sorghum Stover. [BioEnergy Research](#), 9(4), 1034-1045.
- 12 Molina-Jijon, E., Aparicio-Trejo, O. E., Medina-Campos, O. N. et al. (2016). The nephroprotection exerted by curcumin in maleate-induced renal damage is associated with decreased mitochondrial fission and autophagy. [BioFactors](#), 42(6), 686-702.
- 13 Gutierrez, M. I., Lopez-Haro, S. A., Vera, A. & Leija, L. (2016). Experimental Verification of Modeled Thermal Distribution Produced by a Piston Source in Physiotherapy Ultrasound. [BioMed Research International](#), 2016, 5484735.
- 14 Diaz-Reyes, J., Contreras-Rascon, J. I., Galvan-Arellano, M., Arias-Ceron, J. S., Gutierrez-Arias, J. E. M., Flores-Mena, J. E. & Morin-Castillo, M. M. (2016). Physical Property Characterization of Pb<sup>2+</sup>-Doped Cds Nanofilms Deposited by Chemical-Bath Deposition at Low Temperature. [Brazilian Journal of Physics](#), 46(6), 612-620.
- 15 Gonzalez-Ibarra, A. A., Nava-Alonso, F., Uribe-Salas, A. & Castillo-Ventureno, E. N. (2016). Decomposition Kinetics of Industrial Jarosite in Alkaline Media for the Recovery of Precious Metals by Cyanidation. [Canadian Metallurgical Quarterly](#), 55(4), 448-454.
- 16 Gildo-Ortiz, L., Reyes-Gomez, J., Flores-Alvarez, J. M., Guillen-Bonilla, H., Olvera, M. D. L., Betancourt, V. M. R., Verde-Gomez, Y., Guillen-Cervantes, A. & Santoyo-Salazar, J. (2016). Synthesis, Characterization and Sensitivity Tests of Perovskite-Type LaFeO<sub>3</sub> Nanoparticles in Co and Propane Atmospheres. [Ceramics International](#), 42(16), 18821-18827.
- 17 Soto, M. A. & Tiburcio, J. (2016). Self-assembly of a supramolecular network with pseudo-rotaxane cross-linking nodes and its transformation into a mechanically locked structure by rotaxane formation. [Chemical Communications](#), 52(98), 14149-14152.
- 18 Carmona-Espindola, J., Gazquez, J. L., Vela, A. & Trickey, S. B. (2016). Temperature Effects in Static and Dynamic Polarizabilities From Distinct Generalized Gradient Approximation Exchange-Correlation Functionals. [Chemical Physics Letters](#), 664, 77-82.
- 19 Valenzuela-Acosta, E. M., Prokhorov, E., Arias de Fuentes, O., Luna-Barcenas, G., Mauricio-Sanchez, R. A. & Elizalde-Pena, E. A. (2016). Chitosan-Gold Nanocomposite for Copper Ions Detection. [Current Nanoscience](#), 12(6), 754-761.
- 20 Solis, C. U., Clempner, J. B. & Poznyak, A. S. (2016). Modeling Multileader-Follower Noncooperative Stackelberg Games. [Cybernetics and Systems](#), 47(8), 650-673.

- 21 Hernandez-Zamora, M., Martinez-Jeronimo, F., Cristiani-Urbina, E. & Canizares-Villanueva, R. O. (2016). Congo Red Dye Affects Survival and Reproduction in the Cladoceran Ceriodaphnia Dubia. Effects of Direct and Dietary Exposure. [Ecotoxicology](#), 25(10), 1832-1840.
- 22 Treesatayapun, C. (2016). Stabilized Adaptive Controller Based on Direct if-Then Knowledge of Electronic Systems for Pwm Drivers. [Electrical Engineering](#), 98(1), 77-85.
- 23 Hernandez-Tobias, E. A., Gomez, R., Torres-Sanchez, L. et al. (2016). PPARG-LYPLAL1 Multi-Allelic Combination Associated with Obesity and Overweight in Mexican Adolescent Females. [Ethnicity & Disease](#), 26(4), 477-484.
- 24 Adam, J., Bielcik, J., Broz, M. et al. (2016). Production of K\*(892)0 and phi(1020) in p-Pb collisions at root = 5.02 TeV. [European Physical Journal C](#), 76(5), 245.
- 25 Tostado, S. L. & Castro, G. L. (2016). Radiative Corrections of O(Alpha) to B- -> V(0)L(-)(Nu)Over-Bar(L) Decays. [European Physical Journal C](#), 76(9), 495.
- 26 Trasvina-Arenas, C. H., Lopez-Castillo, L. M., Sanchez-Sandoval, E. & Brieba, L. G. (2016). Dispensability of the [4fe-4s] Cluster in Novel Homologues of Adenine Glycosylase Muty. [Fems Journal](#), 283(3), 521-540.
- 27 Reinoso-Pozo, Y., Del Rincon-Castro, M. C. & Ibarra, J. E. (2016). Characterization of a Highly Toxic Strain of Bacillus Thuringiensis Serovar Kurstaki Very Similar to the Hd-73 Strain. [Fems Microbiology Letters](#), 363(17), fnw188.
- 28 Navarro-Arias, M. J., Defosse, T. A., Dementhon, K. et al. (2016). Disruption of Protein Mannosylation Affects Candida Guilliermondii Cell Wall, Immune Sensing, and Virulence. [Frontiers in Microbiology](#), 7, 1951.
- 29 Fonseca-Garcia, C., Coleman-Derr, D., Garrido, E., Visel, A., Tringe, S. G. & Partida-Martinez, L. P. (2016). The Cacti Microbiome: Interplay Between Habitat-Filtering and Host-Specificity. [Frontiers in Microbiology](#), 7, 150.
- 30 Reyes-Aguirre, L. I. & Lamas, M. (2016). Oct4 Methylation-Mediated Silencing as an Epigenetic Barrier Preventing Muller Glia Dedifferentiation in a Murine Model of Retinal Injury. [Frontiers in Neuroscience](#), 10, 523.
- 31 Lopez-Castillo, L. M., Jimenez-Sandoval, P., Baruch-Torres, N., Trasvina-Arenas, C. H., Diaz-Quezada, C., Lara-Gonzalez, S., Winkler, R. & Brieba, L. G. (2016). Structural Basis for Redox Regulation of Cytoplasmic and Chloroplastic Triosephosphate Isomerases From Arabidopsis Thaliana. [Frontiers in Plant Science](#), 7, 1817.
- 32 Dante, R. C., Sanchez-Arevalo, F. M., Chamorro-Posada, P. et al. (2016). Copper Complexes Within the Supramolecular Solid Structure of Cyanuric Acid and Melamine. [Fullerenes Nanotubes and Carbon Nanostructures](#), 24(11), 688-697.
- 33 Salgado-Lugo, H., Sanchez-Arreguin, A. & Ruiz-Herrera, J. (2016). Heterologous expression of an active chitin synthase from Rhizopus oryzae. [Fungal Genetics and Biology](#), 97, 10-17.

34 Hernandez-Lagana, E., Rodriguez-Leal, D., Lua, J. & Vielle-Calzada, J. P. (2016). A Multigenic Network of Argonaute4 Clade Members Controls Early Megaspore Formation in *Arabidopsis*. *Genetics*, 204(3), 1045-1056.

35 Vacca, O., Charles-Messance, H., El Mathari, B. et al. (2016). AAV-mediated gene therapy in Dystrophin-Dp71 deficient mouse leads to blood-retinal barrier restoration and oedema reabsorption. *Human Molecular Genetics*, 25(14), 3070-3079.

36 Segura, C., Coello, C. A. C., Segredo, E. & Aguirre, A. H. (2016). A Novel Diversity-Based Replacement Strategy for Evolutionary Algorithms. *Ieee Transactions on Cybernetics*, 46(12), 3233-3246.

37 Vargas, U. & Ramirez, A. (2016). Reformulating Extended Harmonic Domain Models for Accurate Representation of Harmonics Dynamics. *Ieee Transactions on Power Delivery*, 31(6), 2562-2564.

38 Alarcon-Millan, J., Roman-Roman, A., Fernandez-Tilapa, G., Cortes-Malagon, E. M., Castanon-Sanchez, C. A., De Sampedro-Reyes, J., Cruz-Del Carmen, I. & Betancourt-Linares, R. (2016). Clarithromycin resistance and prevalence of *Helicobacter pylori* virulent genotypes in patients from Southern Mexico with chronic gastritis. *Infection, Genetics and Evolution*, 44, 190-8.

39 Sanchez-Lopez, C., Quintanar, L., Cortes-Mejia, R., Del Campo, J. M., Miotto, M. C., Binolfi, A. & Fernandez, C. O. (2016). Copper Coordination Features of Human Islet Amyloid Polypeptide: The Type 2 Diabetes Peptide. *Inorganic Chemistry*, 55(20), 10727-10740.

40 Rozenblum, G. & Vasilevski, N. (2016). Toeplitz Operators in the Herglotz Space. *Integral Equations and Operator Theory*, 86(3), 409-438.

41 Juarez-Moran, L. A., Ariza-Ortega, J. A., Ramos-Cassellis, M. E., Luna-Suarez, S. & Diaz-Reyes, J. (2016). Analysis of Biodiesel Production by Transesterification of Crude Oil From the Pulp of Class III Avocado (*Persea Americana* Mill Var. Hass, Fuerte and Creole). *Interciencia*, 41(11), 774-780.

42 Mora-Olivo, A., Alanis-Rodriguez, E., Marroquin-Castillo, J. J., Sarmiento-Munoz, T. I., Martinez-Avalos, J. G., Garza-Ocanas, F. & Torres-Castillo, J. A. (2016). Structure and Diversity of a Submontane Scrub Community in Tamaulipas, Mexico. *Interciencia*, 41(11), 769-773.

43 Rios-Cabrera, R., Morales-Diaz, A. B., Aviles-Vinas, J. F. & Lopez-Juarez, I. (2016). Robotic Gmaw Online Learning: Issues and Experiments. *International Journal of Advanced Manufacturing Technology*, 87(5-8), 2113-2134.

44 Perez-Escamirosa, F., Chousleb-Kalach, A., Hernandez-Baro, M. D. C., Sanchez-Margallo, J. A., Lorias-Espinoza, D. & Minor-Martinez, A. (2016). Construct Validity of a Video-Tracking System Based on Orthogonal Cameras Approach for Objective Assessment of Laparoscopic Skills. *International Journal of Computer Assisted Radiology and Surgery*, 11(12), 2283-2293.

45 Keshtkar, S. & Poznyak, A. (2016). Adaptive Sliding Mode Controller Based on Super-Twist Observer for Tethered Satellite System. *International Journal of Control*, 89(9), 1904-1915.

- 46 Zhermolenko, V. & Poznyak, A. (2016). Criteria of Robust Stability for Time-Varying. Dwang-Mitchel Differential Systems: Integral Funnel Method. [International Journal of Control](#), 89(11), 2297-2310.
- 47 Hernandez-Flores, G., Poggi-Varaldo, H. M. & Solorza-Feria, O. (2016). Comparison of alternative membranes to replace high cost Nafion ones in microbial fuel cells. [International Journal of Hydrogen Energy](#), 41(48), 23354-23362.
- 48 Flores-Rojas, E., Cruz-Martinez, H., Tellez-Cruz, M. M., Perez-Robles, J. F., Leyva-Ramirez, M. A., Calaminici, P. & Solorza-Feria, O. (2016). Electrocatalysis of oxygen reduction on CoNi-decorated-Pt nanoparticles: A theoretical and experimental study. [International Journal of Hydrogen Energy](#), 41(48), 23301-23311.
- 49 Suarez-Alcantara, K., Palacios-Lazcano, A. F., Funatsu, T. & Cabanas-Moreno, J. G. (2016). Hydriding and dehydriding in air-exposed MgFe powder mixtures. [International Journal of Hydrogen Energy](#), 41(48), 23380-23387.
- 50 Alonso-Lemus, I. L., Rodriguez-Varela, F. J., Figueroa-Torres, M. Z., Sanchez-Castro, M. E., Hernandez-Ramirez, A., Lardizabal-Gutierrez, D. & Quintana-Owen, P. (2016). Novel self-nitrogen-doped porous carbon from waste leather as highly active metal-free electrocatalyst for the ORR. [International Journal of Hydrogen Energy](#), 41(48), 23409-23416.
- 51 Tinoco-Munoz, C. V., Reyes-Rodriguez, J. L., Bahena-Uribe, D., Leyva, M. A., Cabanas-Moreno, J. G. & Solorza-Feria, O. (2016). Preparation, characterization and electrochemical evaluation of Ni-Pd and Ni-Pd-Pt nanoparticles for the oxygen reduction reaction. [International Journal of Hydrogen Energy](#), 41(48), 23272-23280.
- 52 Lopez, X. A., Fuentes, A. F., Melendez-Zaragoza, M., Diaz Guillen, J. A., Salinas-Gutierrez, J., Lopez-Ortiz, A. & Collins-Martinez, V. (2016). Synthesis, characterization and photocatalytic evaluation of MWO<sub>4</sub> (M-β=βNi, Co, Cu and Mn) tungstates. [International Journal of Hydrogen Energy](#), 41(48), 23312-23317.
- 53 Tellez-Cruz, M. M., Padilla-Islas, M. A., Godinez-Salomon, J. F., Lartundo-Rojas, L. & Solorza-Feria, O. (2016). Y-OH-decorated-Pt/C electrocatalyst for oxygen reduction reaction. [International Journal of Hydrogen Energy](#), 41(48), 23318-23328.
- 54 Gomez, M. A., Ochoa, G. & Mondie, S. (2016). Necessary Exponential Stability Conditions for Linear Periodic Time-Delay Systems. [International Journal of Robust and Nonlinear Control](#), 26(18), 3996-4007.
- 55 Aparicio, A., Castanos, F. & Fridman, L. (2016). Output Feedback Sliding-Mode Control With Unmatched Disturbances, an ISS Approach. [International Journal of Robust and Nonlinear Control](#), 26(18), 4056-4071.

56 Manzo-Valencia, M. K., Valdes-Santiago, L., Sanchez-Segura, L. & Guzman-De-Pena, D. L. (2016). Naphthalene Acetic Acid Potassium Salt (Naa-K+) Affects Conidial Germination, Sporulation, Mycelial Growth, Cell Surface Morphology, and Viability of *Fusarium Oxysporum* F. sp Radici-Lycopersici and *F. Oxysporum* F. sp Cubense in Vitro. [Journal of Agricultural and Food Chemistry](#), 64(44), 8315-8323.

57 Mimila-Arroyo, J. (2016). Electrical Determination of the Bandgap Energies of the Emitter and Base Regions of Bipolar Junction Transistors. [Journal of Applied Physics](#), 120(16), 164508.

58 Tehuacanero-Cuapa, S., Reyes-Gasga, J., Rodriguez-Gomez, A., Bahena, D., Hernandez-Calderon, I. & Garcia-Garcia, R. (2016). The Low-Loss Eels Spectra From Radiation Damaged Gold Nanoparticles. [Journal of Applied Physics](#), 120(16), 164302.

59 Cervantes-Montelongo, J. A., Arechiga-Carvajal, E. T. & Ruiz-Herrera, J. (2016). Adaptation of Ustilago Maydis to Extreme Ph Values: a Transcriptomic Analysis. [Journal of Basic Microbiology](#), 56(11), 1222-1233.

60 Angeles-Lopez, Y. I., Rivera-Bustamante, R. F. & Heil, M. (2016). Colonization by Phloem-Feeding Herbivore Overrides Effects of Plant Virus on Amino Acid Composition in Phloem of Chili Plants. [Journal of Chemical Ecology](#), 42(10), 985-988.

61 Delgado-Venegas, R. I., Mejia-Rodriguez, D., Flores-Moreno, R., Calaminici, P. & Koster, A. M. (2016). Analytic second derivatives from auxiliary density perturbation theory. [Journal of Chemical Physics](#), 145(22), 224103.

62 Aartsen, M. G., Abraham, K., Ackermann, M. et al. (2016). Search for Correlations Between the Arrival Directions of Icecube Neutrino Events and Ultrahigh-Energy Cosmic Rays Detected by the Pierre Auger Observatory and the Telescope Array. [Journal of Cosmology and Astroparticle Physics](#), (1), 037.

63 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Study of Cosmic Ray Events With High Muon Multiplicity Using the Alice Detector at the Cern Large Hadron Collider. [Journal of Cosmology and Astroparticle Physics](#), (1), 032.

64 Caamal-Fuentes, E. E., Graniel-Sabido, M., Mena-Rejon, G. J. & Moo-Puc, R. E. (2016). Anti-Giardia Activity and Acute Toxicity of a Methanol Extract of *Senna Racemosa* Bark. [Journal of Ethnopharmacology](#), 193, 604-606.

65 Soto, K. M., Hernandez-Iturriaga, M., Loarca-Pina, G., Luna-Barcenas, G., Gomez-Aldapa, C. A. & Mendoza, S. (2016). Stable Nisin Food-Grade Electrospun Fibers. [Journal of Food Science and Technology-Mysore](#), 53(10), 3787-3794.

66 Ruiz Vargas, J. C., Khachatryan, V., Sirunyan, A. M. et al. (2016). Decomposing Transverse Momentum Balance Contributions for Quenched Jets in Pbpb Collisions at Root S(Nn)=2.76 Tev. [Journal of High Energy Physics](#), (11), 055.

- 67 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Evidence for Exclusive Gamma Gamma → W (+) W (-) Production and Constraints on Anomalous Quartic Gauge Couplings in Pp Collisions at and 8 Tev. [Journal of High Energy Physics](#), (8), 119.
- 68 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Phenomenological Mssm Interpretation of Cms Searches in Pp Collisions at Root S=7 and 8 Tev. [Journal of High Energy Physics](#), (10), 129.
- 69 Barajas-Castaneda, L. M., Cortes-Gutierrez, E., Garcia-Rodriguez, F., Campos-Rodriguez, R., Lara-Padilla, E., Enriquez-Rincon, F., Castro-Mussot, M. E. & Figueroa-Arredondo, P. (2016). Overexpression of Mmp-3 and Upa With Diminished Pai-1 Related to Metastasis in Ductal Breast Cancer Patients Attending a Public Hospital in Mexico City. [Journal of Immunology Research](#), 2016, 8519648.
- 70 Jardinez, C., Cruz-Borbolla, J., Alvarado-Rodriguez, J. G., Vela, A. & Alvarez-Mendez, R. J. (2016). Reduced density gradient as a novel approach for estimating QSAR descriptors, and its application to 1, 4-dihydropyridine derivatives with potential antihypertensive effects. [Journal of Molecular Modeling](#), 22(12), 296.
- 71 Appelbaum, R., Lau, E. Z., Foladori, G., Parker, R., Vazquez, L. L. V., Belmont, E. R. & Figueroa, E. R. A. (2016). Inventory of Nanotechnology Companies in Mexico. [Journal of Nanoparticle Research](#), 18(2), 43.
- 72 Pardo-Novoa, J. C., Arreaga-Gonzalez, H. M., Gomez-Hurtado, M. A., Rodriguez-Garcia, G., Cerdá-Garcia-Rojas, C. M., Joseph-Nathan, P. & Del Rio, R. E. (2016). Absolute Configuration of Menthene Derivatives by Vibrational Circular Dichroism. [Journal of Natural Products](#), 79(10), 2570-2579.
- 73 Prado, L., Luis-Islas, J., Sandoval, O. I. et al. (2016). Activation of Glutamatergic Fibers in the Anterior NAc Shell Modulates Reward Activity in the aNAcSh, the Lateral Hypothalamus, and Medial Prefrontal Cortex and Transiently Stops Feeding. [Journal of Neuroscience](#), 36(50), 12511-12529.
- 74 Martinez-Palomo, A. (2016). Zika virus: An international emergency? [Journal of Public Health Policy](#), 37(2), 133-135.
- 75 Talavera-Pech, W. A., Esparza-Ruiz, A., Quintana-Owen, P., Vilchis-Nestor, A. R., Carrera-Figueiras, C. & Avila-Ortega, A. (2016). Effects of Different Amounts of Aptes on Physicochemical and Structural Properties of Amino-Functionalized Mcm-41-Msns. [Journal of Sol-Gel Science and Technology](#), 80(3), 697-708.
- 76 Montiel-Garcia, D. J., Mannige, R. V., Reddy, V. S. & Carrillo-Tripp, M. (2016). Structure Based Sequence Analysis of Viral and Cellular Protein Assemblies. [Journal of Structural Biology](#), 196(3), 299-308.
- 77 Pacheco, C. G. (2016). Picard Iterations for Diffusions on Symmetric Matrices. [Journal of Theoretical Probability](#), 29(4), 1444-1457.
- 78 Hernandez, A. G. & Kudriavtsev, Y. (2016). Bim+ ion beam patterning of germanium surfaces at different temperatures and ion fluence. [Journal of Vacuum Science & Technology B](#), 34(6), 061805.

- 79 Retama, I., Jonathan, M. P., Shruti, V. C., Velumani, S., Sarkar, S. K., Roy, P. D. & Rodriguez-Espinosa, P. F. (2016). Microplastics in tourist beaches of Huatulco Bay, Pacific coast of southern Mexico. [Marine Pollution Bulletin](#), 113(1-2), 530-535.
- 80 Angeles-Floriano, T., Roa-Espitia, A. L., Baltierrez-Hoyos, R., Cordero-Martinez, J., Elizondo, G. & Hernandez-Gonzalez, E. O. (2016). Absence of Aryl Hydrocarbon Receptor Alters Cdc42 Expression and Prevents Actin Polymerization During Capacitation. [Molecular Reproduction and Development](#), 83(11), 1015-1026.
- 81 Sanchez-Sanchez, L., Lopez-Munoz, H., Hernandez-Linares, M. G. et al. (2016). Antiproliferative, Cytotoxic, and Apoptotic Activity of Steroidal Oximes in Cervicouterine Cell Lines. [Molecules](#), 21(11), 1533.
- 82 Diaz-Blancas, V., Medina, D. I., Padilla-Ortega, E., Bortolini-Zavala, R., Olvera-Romero, M. & Luna-Barcenas, G. (2016). Nanoemulsion formulations of fungicide tebuconazole for agricultural applications. [Molecules](#), 21(10), 1271.
- 83 Enriquez-Zarate, J. & Silva-Navarro, G. (2016). Ground-Borne Vibration Control in a Building-Like Structure Using Multi-Positive Position Feedback Combined With Sliding Mode Control. [Noise Control Engineering Journal](#), 64(5), 668-676.
- 84 Garica-Trejo, E. M. A., Arellano-Buendia, A. S., Arguello-Garcia, R. et al. (2016). Effects of Allicin on Hypertension and Cardiac Function in Chronic Kidney Disease. [Oxidative Medicine and Cellular Longevity](#), 2016, 3850402.
- 85 Izeta-Alberdi, A., Ibarra-Cerdana, C. N., Moo-Llanes, D. A. & Ramsey, J. M. (2016). Geographical, landscape and host associations of Trypanosoma cruzi DTUs and lineages. [Parasites & Vectors](#), 9(1), 631.
- 86 Aztatzi-Aguilar, O. G., Uribe-Ramirez, M., Narvaez-Morales, J., De Vizcaya-Ruiz, A. & Barbier, O. (2016). Early kidney damage induced by subchronic exposure to PM2.5 in rats. [Particle and Fibre Toxicology](#), 13(1), 68.
- 87 Parra-Olea, G., Rovito, S. M., Garcia-Paris, M., Maisano, J. A., Wakes, D. B. & Hanken, J. (2016). Biology of Tiny Animals: Three New Species of Minute Salamanders (Plethodontidae: Thorius) From Oaxaca, Mexico. [PeerJ](#), 4, e2694.
- 88 Rios-Perez, E. B., Garcia-Castaneda, M., Monsalvo-Villegas, A. & Avila, G. (2016). Chronic atrial ionic remodeling by aldosterone: potentiation of L-type Ca<sup>2+</sup> channels and its arrhythmogenic significance. [Pflugers Archiv-European Journal of Physiology](#), 468(11-12), 1823-1835.
- 89 Iannitti, T., Morales-Medina, J. C., Coacci, A. & Palmieri, B. (2016). Experimental and Clinical Efficacy of Two Hyaluronic Acid-Based Compounds of Different Cross-Linkage and Composition in the Rejuvenation of the Skin. [Pharmaceutical Research](#), 33(12), 2879-2890.

- 90 Singh, S., Ibarra-Hernandez, W., Valencia-Jaime, I., Avendano-Franco, G. & Romero, A. H. (2016). Investigation of Novel Crystal Structures of Bi-Sb Binaries Predicted Using the Minima Hopping Method. [Physical Chemistry Chemical Physics](#), 18(43), 29771-29785.
- 91 Dennett, C. A., Cao, P., Ferry, S. E., Vega-Flick, A., Maznev, A. A., Nelson, K. A., Every, A. G. & Short, M. P. (2016). Bridging the gap to mesoscale radiation materials science with transient grating spectroscopy. [Physical Review B](#), 94(21), 214106.
- 92 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). D-Meson Production in P-Pb Collisions at Root S-Nn=5.02 Tev and in Pp Collisions at Root S=7 Tev. [Physical Review C](#), 94(5), 054908.
- 93 Roig, P. & Sanz-Cillero, J. J. (2016). Broad Diphoton Resonance at the TeV? Not Alone. [Physical Review D](#), 94(9), 095021.
- 94 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2016). Measurement of the Forward-Backward Asymmetry of Lambda and ( $\Lambda$ )Over-Bar Production in P(P)Over-Bar Collisions. [Physical Review D](#), 93(3), 032002.
- 95 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2016). Measurement of the Inclusive T(T)Over-Bar Production Cross Section in P(P)Over-Bar Collisions at Root S=1.96 Tev and Determination of the Top Quark Pole Mass. [Physical Review D](#), 94(9), 092004.
- 96 Adam, J., Bielcik, J., Broz, M. et al. (2016). Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at root s(N)(N) = 2.76 TeV. [Physical Review Letters](#), 117(18), 182301.
- 97 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the Top Quark Pair Production Cross Section in Proton-Proton Collisions at Root S=13 Tev. [Physical Review Letters](#), 116(5), 052002.
- 98 Aab, A., Buchholz, P., Erfani, M. et al. (2016). Testing Hadronic Interactions at Ultrahigh Energies with Air Showers Measured by the Pierre Auger Observatory. [Physical Review Letters](#), 117(19), 192001.
- 99 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Angular Analysis of the Decay  $B^- \rightarrow K^*(0)\mu^+\mu^-$  From Pp Collisions at Root S=8 Tev. [Physics Letters B](#), 753, 424-448.
- 100 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Azimuthal Anisotropy of Charged Jet Production in Root S(Nn)=2.76 Tev Pb-Pb Collisions. [Physics Letters B](#), 753, 511-525.
- 101 Adam, W., Asilar, E., Bergauer, T. et al. (2016). Combined Search for Anomalous Pseudoscalar H<sub>w</sub> Couplings in Vh( $H \rightarrow B(B)$ Over-Bar) Production and H  $\rightarrow$  Vv Decay. [Physics Letters B](#), 759, 672-696.
- 102 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Elliptic Flow of Muons From Heavy-Flavour Hadron Decays at Forward Rapidity in Pb-Pb Collisions at Root S(Nn)=2.76tev. [Physics Letters B](#), 753, 41-56.

- 103 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Forward-Central Two-Particle Correlations in P-Pb Collisions at Root S(Nn)=5.02 Tev. [Physics Letters B](#), 753, 126-139.
- 104 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the Inelastic Cross Section in Proton-Lead Collisions at Root S(Nn)=5.02 Tev. [Physics Letters B](#), 759, 641-662.
- 105 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Pseudorapidity and Transverse-Momentum Distributions of Charged Particles in Proton-Proton Collisions at Root S=13 Tev. [Physics Letters B](#), 753, 319-329.
- 106 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for a Higgs Boson Decaying Into Gamma\*Gamma -> L1 Gamma With Low Dilepton Mass in Pp Collisions at Root S=8 Tev. [Physics Letters B](#), 753, 341-362.
- 107 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Exotic Decays of a Higgs Boson Into Undetectable Particles and One or More Photons. [Physics Letters B](#), 753, 363-388.
- 108 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Neutral Resonances Decaying Into a Z Boson and a Pair of B Jets or Tau Leptons. [Physics Letters B](#), 759, 369-394.
- 109 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Supersymmetry in Electroweak Production With Photons and Large Missing Transverse Energy in Pp Collisions at Root S=8tev. [Physics Letters B](#), 759, 479-500.
- 110 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Supersymmetry in Events With Soft Leptons, Low Jet Multiplicity, and Missing Transverse Energy in Proton-Proton Collisions at Root S=8 Tev. [Physics Letters B](#), 759, 9-35.
- 111 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Study of Z Boson Production in PbP Collisions at Root S-Nn=5.02 Tev. [Physics Letters B](#), 759, 36-57.
- 112 Lugovskykh, A. M., Charikova, T. B., Okulov, V. I., Moiseev, K. D. & Kudryavtsev, Y. A. (2016). Charge Transfer Features and Ferromagnetic Order in Semiconductor Heterostructures Delta-Doped With Manganese. [Physics of the Solid State](#), 58(11), 2240-2243.
- 113 Sanchez-Viveros, G., Ruvalcaba-Sil, J. L., Ferrera-Cerrato, R., Alarcon, A. & Xoconostle-Cazares, B. (2016). Changes in Elemental Content in Fronds of Azolla Filiculoides Due to Arsenic Accumulation. [Plant Biosystems](#), 150(6), 1332-1340.
- 114 Valdez-Morales, M., Carlos, L. C., Valverde, M. E., Ramirez-Chavez, E. & Paredes-Lopez, O. (2016). Phenolic Compounds, Antioxidant Activity and Lipid Profile of Huitlacoche Mushroom (*Ustilago Maydis*) Produced in Several Maize Genotypes at Different Stages of Development. [Plant Foods for Human Nutrition](#), 71(4), 436-443.
- 115 Lozano-Sotomayor, P., Montes, R. A. C., Silvestre-Vano, M. et al. (2016). Altered Expression of the Bzip Transcription Factor Drink Me Affects Growth and Reproductive Development in *Arabidopsis Thaliana*. [Plant Journal](#), 88(3), 437-451.

116 Martinez-Castillo, M., Bonilla-Moreno, R., Aleman-Lazarini, L., Meraz-Rios, M. A., Orozco, L., Cedillo-Barron, L., Cordova, E. J. & Villegas-Sepulveda, N. (2016). A Subpopulation of the K562 Cells Are Killed by Curcumin Treatment After G2/M Arrest and Mitotic Catastrophe. [Plos One](#), 11(11), e165971.

117 Fernandez-Gallardo, M., Monjaraz, E., Gonzalez-Ramirez, R., Sandoval, A. & Felix, R. (2016). Adenosine Stimulate Proliferation and Migration in Triple Negative Breast Cancer Cells. [Plos One](#), 11(12), e0167445.

118 De Leon-Bautista, M. P., Cardenas-Aguayo, M. D., Casique-Aguirre, D., Almaraz-Salinas, M., Parraguirre-Martinez, S., Olivo-Diaz, A., Thompson-Bonilla, M. D. & Vargas, M. (2016). Immunological and Functional Characterization of Rhogdi3 and Its Molecular Targets Rhog and Rhob in Human Pancreatic Cancerous and Normal Cells. [Plos One](#), 11(11), e0166370.

119 Massange-Sanchez, J. A., Palmeros-Suarez, P. A., Espitia-Rangel, E., Rodriguez-Arevalo, I., Sanchez-Segura, L., Martinez-Gallardo, N. A., Alatorre-Cobos, F., Tiessen, A. & Delano-Frier, J. P. (2016). Overexpression of Grain Amaranth (Amaranthus Hypochondriacus) Aherf or Ahdof Transcription Factors in Arabidopsis Thaliana Increases Water Deficit- and Salt-Stress Tolerance, Respectively, Via Contrasting Stress-Amelioration Mechanisms. [Plos One](#), 11(10), e0164280.

120 Medina-Gomez, I., Madden, C. J., Herrera-Silveira, J. & Kjertve, B. (2016). Response of Thalassia Testudinum Morphometry and Distribution to Environmental Drivers in a Pristine Tropical Lagoon. [Plos One](#), 11(10), e164014.

121 Tlelo-Cuautle, E., Quintas-Valles, A. J., Rangel-Magdaleno, J. J. & De la Fraga, L. G. (2016). VHDL Descriptions for the FPGA Implementation of PWL-Function-Based Multi-Scroll Chaotic Oscillators. [Plos One](#), 11(12), e0168300.

122 Bolanos, J., Betanzos, A., Javier-Reyna, R. et al. (2016). EhNPC1 and EhNPC2 proteins participate in trafficking of exogenous cholesterol in Entamoeba histolytica trophozoites: relevance for phagocytosis. [Plos Pathogens](#), 12(12), e1006089.

123 Fernandez-Luqueno, F., Mendoza-Cristino, R. & Dendooven, L. (2016). Do Application Rates of Wastewater Sewage Sludge Affect the Removal of Pahs From Alkaline Saline Soil? [Polish Journal of Environmental Studies](#), 25(6), 2367-2372.

124 Nasr, E. M., Kusano, M., Nguyen, K. H., Tran, L. S., Watanabe, Y., Ha, C. V., Saito, K., Sulieman, S. & Herrera-Estrella, L. (2016). Adaptation of the symbiotic Mesorhizobium-chickpea relationship to phosphate deficiency relies on reprogramming of whole-plant metabolism. [Proceedings of the National Academy of Sciences of the United States of America](#), 113(32), E4610-E4619.

125 Vallebueno-Estrada, M., Rodriguez-Arevalo, I., Vielle-Calzada, J.-P., Rougon-Cardoso, A., Montiel, R., Martinez-Gonzalez, J. & Garcia-Cook, A. (2016). The earliest maize from San Marcos Tehuacan is a partial domesticate with genomic evidence of inbreeding. [Proceedings of the National Academy of Sciences of the United States of America](#), 113(49), 14151-14156.

- 126 Hernandez-Hernandez, A., Hernandez-Hernandez, L. A., Monroy, B. M., Santoyo-Salazar, J., Santana-Rodriguez, G., Marquez-Herrera, A., Gallardo-Hernandez, S., Mani-Gonzalez, P. G. & Melendez-Lira, M. (2016). Synthesis of Self-Assembled Ge Nanocrystals Employing Reactive Rf Sputtering. [Revista Mexicana De Fisica](#), 62(6), 558-564.
- 127 Rougon-Cardoso, A., Flores-Ponce, M., Ramos-Aboites, H. E. et al. (2016). The Genome, Transcriptome, and Proteome of the Nematode *Steinerinema carpocapsae*: Evolutionary Signatures of a Pathogenic Lifestyle. [Scientific Reports](#), 6, 37536.
- 128 Bueno, D., Valdez, L. F., Gutierrez-Salgado, J. M., Munoz, R. & Marty, J. L. (2016). Colorimetric Analysis of Ochratoxin A in Beverage Samples. [Sensors](#), 16(11), 1888.
- 129 Moran-Lazaro, J. P., Lopez-Urias, F., Munoz-Sandoval, E., Blanco-Alonso, O., Sanchez-Tizapa, M., Carreon-Alvarez, A., Guillen-Bonilla, A., Olvera-Amador, M. L. & Rodriguez-Betancourt, V. M. (2016). Synthesis, Characterization, and Sensor Applications of Spinel ZnCo<sub>2</sub>O<sub>4</sub> Nanoparticles. [Sensors](#), 16(12), 2162.
- 130 Herrera-Velarde, S., Perez-Angel, G. & Castaneda-Priego, R. (2016). One-Dimensional Gaussian-Core Fluid: Ordering and Crossover From Normal Diffusion to Single-File Dynamics. [Soft Matter](#), 12(44), 9047-9057.
- 131 Escalante-Aburto, A., Ponce-Garcia, N., Ramirez-Wong, B., Santiago-Ramos, D., Veles-Medina, J. J. & Figueroa-Cardenas, J. D. (2016). Effect of extrusion factors and particle size on starch properties of nixtamalized whole blue corn snacks. [Starch-Starke](#), 68(11-12), 1111-1120.
- 132 Figueroa-Cardenas, J. D., Veles-Medina, J. J., Esquivel-Martinez, A. M., Mariscal-Moreno, R. M., Santiago-Ramos, D. & Hernandez-Estrada, Z. J. (2016). Effect of processing procedure on the formation of resistant starch in tamales. [Starch-Starke](#), 68(11-12), 1121-1128.
- 133 Acosta-Silva, Y. J., Castanedo-Perez, R., Torres-Delgado, G., Mendez-Lopez, A. & Zelaya-Angel, O. (2016). Analysis of the photocatalytic activity of CdS+ZnTiO<sub>3</sub> nanocomposite films prepared by sputtering process. [Superlattices and Microstructures](#), 100, 148-157.
- 134 Santibanez, A., Herrera-Trejo, M., Oliva, J. & Martinez, A. I. (2016). Electrochemical deposition of Ni-Fe alloys into porous alumina for solar selective absorbers. [Superlattices and Microstructures](#), 100, 973-982.
- 135 Ramirez, S. E., Garcia-Cerda, L. A. & Gonzalez, L. A. (2016). Influence of triethanolamine in the deposition of Mn-doped ZnO thin films by the successive ionic layer adsorption and reaction process. [Superlattices and Microstructures](#), 100, 409-417.
- 136 Ordorica-Flores, R., Figueroa-Portillo, R., Perez-Escamirosa, F., Lorias-Espinoza, D., Minor-Martinez, A., Olivares-Clavijo, H., Zalles-Vidal, C. & Nieto-Zermenio, J. (2016). Pediatric Inguinal Hernia Repair With a Single-Incision Approach Using an Endo Close (Tm) Suturing Device. [Surgical Endoscopy and Other Interventional Techniques](#), 30(11), 5134-5135.

137 Hernandez, D., Castanos, F. & Fridman, L. (2016). Zero-dynamics design and its application to the stabilization of implicit systems. [Systems & Control Letters](#), 98, 74-78.

138 Galaviz-Mosqueda, A., Villarreal-Reyes, S., Galeana-Zapien, H., Rubio-Loyola, J. & Rivera-Rodriguez, R. (2016). Genetic Tuning of Fuzzy Rule-Based Systems for Multi-Hop Broadcast Protocols for Vanets. [Telecommunication Systems](#), 63(3), 399-420.

139 Hernandez-Trejo, J. A., Gutierrez-Martinez, I. Z., Fernandez-Vargas, O. E. et al. (2016). The pro-inflammatory cytokines IFN gamma/TNF alpha increase chromogranin A-positive neuroendocrine cells in the colonic epithelium. [The Biochemical Journal](#), 473(21), 3805-3818.

140 Batista-Leyva, A. J. & Ruiz-Suarez, J. C. (2016). Coefficient of restitution mediated by a diamagnetic interaction. [The European Physical Journal E-Soft Matter](#), 39(7), 74.

141 Cruz-Olvera, D., Geudtner, G. & Calaminici, P. (2016). Molecular graphs of Mo<sub>2n</sub>C<sub>n</sub> (n = 1-10) clusters. [Theoretical Chemistry Accounts](#), 135(11), 247.

142 Renan, X., Montero-Munoz, J., Garza-Perez, J. R. & Brule, T. (2016). Age and Stock Analysis Using Otolith Shape in Gags From the Southern Gulf of Mexico. [Transactions of the American Fisheries Society](#), 145(6), 1252-1265.

143 Ceja-Rangel, H. A., Sanchez-Suarez, P., Castellanos-Juarez, E., Penaroja-Flores, R., Arenas-Aranda, D. J., Gariglio, P. & Benitez-Bribiesca, L. (2016). Shorter Telomeres and High Telomerase Activity Correlate With a Highly Aggressive Phenotype in Breast Cancer Cell Lines. [Tumor Biology](#), 37(9), 11917-11926.

144 Bermudez-Cruz, R. M., Fonseca-Linan, R., Grijalva-Contreras, L. E., Mendoza-Hernandez, G. & Ortega-Pierres, M. G. (2016). Proteomic analysis and immunodetection of antigens from early developmental stages of *Trichinella spiralis*. [Veterinary Parasitology](#), 231, 22-31.

145 Cabrera-Romo, S., Max-Ramirez, C., Recio-Totoro, B., Tolentino-Chi, J., Lanz, H., Del Angel, R. M., Sanchez-Cordero, V., Rodriguez-Moreno, A. & Ludert, J. E. (2016). No Evidence of Dengue Virus Infections in Several Species of Bats Captured in Central and Southern Mexico. [Zoonoses and Public Health](#), 63(8), 579-583.

**[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXLENDO EN OTRAS REVISTAS ESPECIALIZADAS  
(INCLUÍDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)**

146 Oviedo-Mendoza, M., Valenzuela-Acosta, E. M., Prokhorov, E., Luna-Barcenas, G. & Kumar-Krishnan, S. (2016). Percolation phenomena in polymer nanocomposites. [Advanced Materials Letters](#), 7(5), 353-359.

147 Calderon-Gonzalez, K. G., Herrera-Aguirre, M. E., Luna-Arias, J. P. & Hernandez-Monge, J. (2016). Bioinformatics Tools for Proteomics Data Interpretation. [Advances in Experimental Medicine and Biology](#), 919, 281-341.

- 148 Munguia-Rosas, M. A., Leon, A. & Martinez-Nataren, D. A. (2016). Parasitism on Seed Predators Overcomes the Detrimental Effects of Defoliation on Plant Fitness in a Tritrophic System. *Arthropod-Plant Interactions*, 10(6), 535-543.
- 149 Valenzuela-Garcia, C., Figueras, O., Arnau-Vera, D. & Gutierrez-Soto, J. (2016). Toward a teaching model for fractions based on the use of applets. *Educacion Matematica En La Infancia*, 5(2), 1-20.
- 150 Hernandez-Gonzalez, I. L. & Olmedo-Alvarez, G. (2016). Draft Whole-Genome Sequence of the Type Strain *Bacillus aquimaris* TF12T. *Genome Announcements*, 4(4), e00640-16.
- 151 Hernandez-Gonzalez, I. L. & Olmedo-Alvarez, G. (2016). Draft Whole-Genome Sequence of the Type Strain *Bacillus horikoshii* DSM 8719. *Genome Announcements*, 4(4), e00641-16.
- 152 Ramirez-Sanchez, O., Perez-Rodriguez, P., Delaye, L. & Tiessen, A. (2016). Plant Proteins Are Smaller Because They Are Encoded by Fewer Exons than Animal Proteins. *Genomics, Proteomics & Bioinformatics*, 14(6), 357-370.
- 153 Fallas-Soto, R. & Cantoral-Uriza, R. (2016). Estudio socioepistemologico del teorema de existencia y unicidad em las ecuaciones diferenciales ordinarias. *Histemat-Revista De Historia Da Educacao Matematica*, (3), 256-280.
- 154 Valdez, S., Pech-Canul, M. I. & Rodriguez, R. A. (2016). Phase transitions for Al-base alloy on themicro structural experimental measurements. *International Journal of Innovative Research in Science, Engineering and Technology*, 5(10), 17501.
- 155 Garcia-Munoz, A., Bologna-Molina, R., Rodriguez, M. A., Liceaga-Reyes, R., Farfan-Morales, J. E., Aranda-Romo, S., Molina-Frechero, N. & Gonzalez-Gonzalez, R. (2016). Orosomucoid-1 Expression in Ameloblastoma Variants. *International Journal of Molecular and Cellular Medicine*, 5(1), 49-56.
- 156 Reyes, F. C., Morales, M. E. L. & Morales, E. L. (2016). Institutional Genetic Imprinting and Development of International Identity: Bibliometric Study on Spinal-Cord-Cat in Cinvestav. *Investigacion Bibliotecologica*, 30(70), 41-60.
- 157 Lopez, E. M. & Coello, C. A. C. (2016). A Parallel Multi-Objective Memetic Algorithm Based on the Igd Plus Indicator. *Lecture Notes in Computer Science*, 9921, 473-482.
- 158 Gomez, R. H., Coello, C. A. C. & Alba, E. (2016). A Parallel Version of Sms-Emoa for Many-Objective Optimization Problems. *Lecture Notes in Computer Science*, 9921, 568-577.
- 159 Cortes-Davalos, S. & Mendoza, S. (2016). Ar-Based Modeling of 3d Objects in Multi-User Mobile Environments. *Lecture Notes in Computer Science*, 9848, 21-36.
- 160 Antonio, L. M. & Coello, C. A. C. (2016). Decomposition-Based Approach for Solving Large Scale Multi-Objective Problems. *Lecture Notes in Computer Science*, 9921, 525-534.

161 Kalman, J. & Rendon, V. (2016). The use of spreadsheer to analyze qualitative data. [Magis-Revista Internacional De Investigacion En Educacion](#), 9(18), 29-48.

162 Reyes-Cortes, R., Arguijo-Hernandez, E. S., Carballo-Ontiveros, M. A., Martinez-Penafiel, E. & Kameyama, L. (2016). Random Transposon Mutagenesis for Cell-Envelope Resistant to Phage Infection. [Methods in Molecular Biology](#), 1440, 71-83.

163 Jayaraman, V. K., Maldonado-Alvarez, A. & Olvera-Amador, M. L. (2016). Influence of Al, In codoping in enhancing the Figure of Merit of ZnO thin films for TCO Applications. [MRS Advances](#), 1(2), 133-139.

164 Vega-Rivera, N. M., Gallardo-Tenorio, A., Fernandez-Guasti, A. & Estrada-Camarena, E. (2016). The Post-Ovariectomy Interval Affects the Antidepressant-Like Action of Citalopram Combined with Ethynod-Estradiol in the Forced Swim Test in Middle Aged Rats. [Pharmaceuticals](#), 9(2), 21.

165 Raba-Paez, A. M., Falcony-Guajardo, C. & Rincon-Joya, M. (2016). Evaluation of the photocatalytic activity of T-Nb2O5 nanostructures obtained by sol-gel method. [Respuestas](#), 21(2), 80-91.

166 Timana-Pena, J. A., Cobos-Lozada, C. A. & Torres-Jimenez, J. (2016). Metaheuristic Algorithms for Building Covering Arrays: a Review. [Revista Facultad De Ingenieria, Universidad Pedagogica Y Tecnologica De Colombia](#), 25(43), 31-45.

167 Torres-Huitzil, C. (2016). A Review of Image Interest Point Detectors: From Algorithms to Fpga Hardware Implementations. [Studies in Computational Intelligence](#), 630, 47-74.

168 Aguilar-Lopez, R. & Mata-Machuca, J. L. (2016). A New Finite-Time Observer for Nonlinear Systems: Applications to Synchronization of Lorenz-Like Systems. [TheScientificWorldJournal](#), 2016, 8342089.

169 Ramirez-Garcia, R. G. (2016). Una politica para la incorporacion de jovenes investigadores: el programa de "Catedras Conacyt". [Universidades](#), (69), 35-48.

#### **[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES**

170 Duncan, R. A., Hofmann, F., Vega-Flick, A., Eliason, J. K., Maznev, A. A., Every, A. G. & Nelson, K. A. (2016). Increase in Elastic Anisotropy of Single Crystal Tungsten Upon He-Ion Implantation Measured With Laser-Generated Surface Acoustic Waves (Vol 109, 151906, 2016). [Applied Physics Letters](#), 109(19), 199902.

171 Moreno-Armendariz, M. A., Hagan, M., Alba, E., Rubio, J. D., Cruz-Villar, C. A. & Leguizamon, G. (2016). Advances in Neural Networks and Hybrid-Metaheuristics: Theory, Algorithms, and Novel Engineering Applications. [Computational Intelligence and Neuroscience](#), 2016, 3263612.

172 Ciccarella, G., Lund, G. & Zaina, S. (2016). Trojan Horses for Drugs: a New Role for Lipoproteins? [Current Opinion in Lipidology](#), 27(6), 638-639.

173 Meneses, A. & Gasbarri, A. (2016). Serotonin and Memory (Vol 7, 8, 2016). [Frontiers in Pharmacology](#), 7, 8.

174 Abreu, A. G., Nunes, K. O., Moraes, C. T. P., Barbosa, A. S., Piazza, R. M. F., Elias, W. P., Abe, C. M., Chavez-Duenas, L. & Navarro-Garcia, F. (2016). The serine protease Pic as a virulence factor of atypical enteropathogenic Escherichia coli. [Gut Microbes](#), 7(2), 115-25.

175 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Direct Pair Production of Scalar Top Quarks in the Single- and Dilepton Channels in Proton-Proton Collisions at Root S = 8 Tev (Vol 07, 027, 2016). [Journal of High Energy Physics](#), (9), 056.

176 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Third-Generation Scalar Leptoquarks in the T Tau Channel in Proton-Proton Collisions at Root S = 8 Tev (Vol 7, 042, 2015). [Journal of High Energy Physics](#), (11), 056.

177 Martinez-Maldonado, A., Luna-Munoz, J. & Ferrer, I. (2016). Incidental Corticobasal Degeneration. [Neuropathology and Applied Neurobiology](#), 42(7), 659-663.

178 Gutierrez, R. & Simon, S. A. (2016). Why do people living in hot climates like their food spicy? [Temperature](#), 3(1), 48-49.

#### **[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS**

179 Sanchez, J. L. V., Luis, B., Arroyo, R., Ortega, J., Rojo, A. & Cardoza, C. B. (2016). Drug Design Against Trichomoniasis. [Protein Science](#), 25, 73.

#### **[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS**

180 Vadala, M., Morales-Medina, J. C., Vallelunga, A., Palmieri, B., Laurino, C. & Iannitti, T. (2016). Mechanisms and Therapeutic Effectiveness of Pulsed Electromagnetic Field Therapy in Oncology. [Cancer Medicine](#), 5(11), 3128-3139.

181 Gonzalez-Mariscal, L., Posadas, Y., Miranda, J., Uc, P. Y., Ortega-Olvera, J. M. & Hernandez, S. (2016). Strategies That Target Tight Junctions for Enhanced Drug Delivery. [Current Pharmaceutical Design](#), 22(35), 5313-5346.

182 Shrivastava, G., Leon-Juarez, M., Garcia-Cordero, J., Meza-Sanchez, D. E. & Cedillo-Barron, L. (2016). Inflammasomes and Its Importance in Viral Infections. [Immunologic Research](#), 64(5-6), 1101-1117.

183 Vazquez-Prado, J., Bracho-Valdes, I., Cervantes-Villagrana, R. D. & Reyes-Cruz, G. (2016). G Beta Gamma Pathways in Cell Polarity and Migration Linked to Oncogenic Gpcr Signaling: Potential Relevance in Tumor Microenvironment. [Molecular Pharmacology](#), 90(5), 573-586.

184 Nieto-Alamilla, G., Marquez-Gomez, R., Garcia-Galvez, A. M., Morales-Figueroa, G. E. & Arias-Montano, J. A. (2016). The Histamine H-3 Receptor: Structure, Pharmacology, and Function. [Molecular Pharmacology](#), 90(5), 649-673.

*Última actualización: marzo 24, 2017 08:42 a.m.*



## ARTÍCULOS DEL MES DE ADDENDUM DE 2016

### **[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXLENTO EN REVISTAS INCLUIDAS EN JCR**

- 1 Fiel, A., Leon, J. A. & Marquez-Carreras, D. (2016). Stability for a class of semilinear fractional stochastic integral equations. [Advances in Difference Equations](#), 2016, 166.
- 2 Aguilar-Lopez, J. L., Laboy, R., Jaimes-Miranda, F., Garay, E., DeLuna, A. & Funes, S. (2016). Slm35 links mitochondrial stress response and longevity through TOR signaling pathway. [Aging](#), 8(12), 3255.
- 3 Vega-Flick, A., Duncan, R. A., Elliason, J. K. et al. (2016). Thermal transport in suspended silicon membranes measured by laser-induced transient gratings. [Aip Advances](#), 6, 121903.
- 4 Martinez-Ramos, F., Luna-Palencia, G. R., Vasquez-Moctezuma, I., Mendez-Luna, D., Fragoso-Vazquez, M. J., Trujillo-Ferrara, J., Meraz-Rios, M. A., Mendieta-Wejebe, J. E. & Correa-Basurto, J. (2016). Docking Studies of Glutamine Valproic Acid Derivative (S)-5-Amino-2-(Heptan-4-Ylamino)-5-Oxopentanoic Acid (Gln-Vpa) on Hdac8 With Biological Evaluation in Hela Cells. [Anti-Cancer Agents in Medicinal Chemistry](#), 16(11), 1485-1490.
- 5 May-Crespo, J., Ortega-Morales, B. O., Camacho-Chab, J. C., Quintana, P., Alvarado-Gil, J. J., Gonzalez-Garcia, G., Reyes-Estebanez, M. & Chan-Bacab, M. J. (2016). Photoacoustic monitoring of water transport process in calcareous stone coated with biopolymers. [Applied Physics a-Materials Science & Processing](#), 122, 1060.
- 6 Castellanos-Huerta, I., Banuelos-Hernandez, B., Tellez, G., Rosales-Mendoza, S., Brieba, L. G., Esquivel-Ramos, E., Beltran-Lopez, J. I., Velazquez, G. & Fernandez-Siurob, I. (2016). Recombinant Hemagglutinin of Avian Influenza Virus H5 Expressed in the Chloroplast of Chlamydomonas Reinhardtii and Evaluation of Its Immunogenicity in Chickens. [Avian Diseases](#), 60(4), 784-791.
- 7 Perez-Isidoro, R. & Ruiz-Suarez, J. C. (2016). Calcium and protons affect the interaction of neurotransmitters and anesthetics with anionic lipid membranes. [Biochimica Et Biophysica Acta](#), 1858, 2215-2222.
- 8 Romero-Garcia, J. M., Sanchez, A., Rendon-Acosta, G., Martinez-Patino, J. C., Ruiz, E., Magana, G. & Castro, E. (2016). An olive tree pruning biorefinery for co-producing high value-added bioproducts and biofuels: economic and energy efficiency analysis. [Bioenergy Research](#), 9, 107-1086.
- 9 Galvan-Gordillo, S. V., Martinez-Navarro, A. C., Xoconostle-Cazares, B. & Ruiz-Medrano, R. (2016). Bioinformatic analysis of Arabidopsis reverse transcriptases with a zinc-finger domain. [Biologia](#), 71(11), 1223-1229.
- 10 Aguilar-Lopez, R. & Neria-Gonzalez, I. (2016). Controlling continuous bioreactor via nonlinear feedback: modelling and simulations approach. [Bulletin of the Polish Academy of Sciences Technical Sciences](#), 64(1), 235.

- 11 Martinez-Perez, A. & Torres-Vega, G. (2016). Translations in Quantum Mechanics Revisited. The Point Spectrum Case. [Canadian Journal of Physics](#), 94(12), 1365-1368.
- 12 ZacariasToledo, R., Gonzalez-Mendoza, D., Rodriguez-Mendiola, M. A., Villalobos-Maldonado, J. J., Gutierrez-Oliva, V. F., Dendooven, L., Abud-Archila, M., Arias-Castro, C. & Gutierrez-Miceli, F. A. (2016). Plant growth and sugars content of Agave americana L. cultivated with vermicompost and rock phosphate and inoculated with Penicillium sp. and Glomus fasciculatum. [Compost Science & Utilization](#), 24(4), 259-265.
- 13 Troconis de Rincon, O., Montenegro, J. C., Vera, R. et al. (2016). Reinforced concrete durability in marine environments Duracon project: long-term exposure. [Corrosion](#), 824.
- 14 Nunez-Lara, E., Arias-Gonzalez, J. E., Perez-Espana, H. & Legendre, P. (2016). Multi-Scale Spatial and Partitioning Analyses of the Reef-Fish Community Composition of the Yucatan Fringing Reef System. [Ecological Complexity](#), 28, 69-76.
- 15 Clempner, J. B. & Poznyak, A. S. (2016). Analyzing an Optimistic Attitude for the Leader Firm in Duopoly Models: a Strong Stackelberg Equilibrium Based on a Lyapunov Game Theory Approach. [Economic Computation and Economic Cybernetics Studies and Research](#), 50(4), 41-60.
- 16 Martinez-Sierra, G. & Garcia-Gonzalez, M. S. (2016). Undergraduate mathematics students' emotional experiences in linear algebra courses. [Educational Studies in Mathematics](#), 91, 87-106.
- 17 Landa-Juarez, A. Y., Ortiz, M. I., Castaneda-Hernandez, G. & Chavez-Pina, A. E. (2016). Participation of Potassium Channels in the Antinociceptive Effect of Docosahexaenoic Acid in the Rat Formalin Test. [European Journal of Pharmacology](#), 793, 95-100.
- 18 Calcagnia, G., Sirunyan, A., Tumasyan, A. et al. (2016). Centrality dependence of charged jet production in p-Pb collisions at root SNN = 5.02 Tev. [European Physical Journal C](#), 76, 271.
- 19 Calcagnia, G., Sirunyan, A., Tumasyan, A. et al. (2016). Measurement of dijet azimuthal decorrelation in pp collisions at root s = 8 Tev. [European Physical Journal C](#), 76, 536.
- 20 Calcagnia, G., Sirunyan, A., Tumasyan, A. et al. (2016). Measurement of the double-differential inclusive jet cross section in proton-proton collisions at root s = 13 Tev. [European Physical Journal C](#), 76, 451.
- 21 Calcagnia, G., Sirunyan, A., Tumasyan, A. et al. (2016). Measurement of the inclusive jet cross section in pp collisions at root s = 2,76 Tev. [European Physical Journal C](#), 76, 265.
- 22 Calcagnia, G., Sirunyan, A., Tumasyan, A. et al. (2016). Measurement of the w+w- cross section in pp collisions at root s = 8 Tev and limits on anomalous gauge couplings. [European Physical Journal C](#), 76, 401.
- 23 Calcagnia, G., Sirunyan, A., Tumasyan, A. et al. (2016). Search for Direct Pair Production of Supersymmetric Top Quarks Decaying to All-Hadronic Final States in Pp Collisions at Root S=8 Tev. [European Physical Journal C](#), 76(8), 460.

- 24 Calcagnia, G., Sirunyan, A., Tumasyan, A. et al. (2016). Search for heavy resonances decaying to two Higgs bosons in final states containing four b quarks. [European Physical Journal C](#), 76, 371.
- 25 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the Differential Cross Section and Charge Asymmetry for Inclusive Pp → W-/- + X Production at Root S=8 TeV. [European Physical Journal C](#), 76(8), 469.
- 26 Patino-Ortiz, J., Carreno-Aguilera, R., Balankin, A. S., Patino-Ortiz, M., Tovar-Rodriguez, J. C., Acevedo-Mosqueda, M. A., Martinez-Cruz, M. A. & Yu, W. (2016). Seismic activity seen through evolution of the hurst exponent model in 3D. [Fractas](#), 24(4), 1650045.
- 27 Rodriguez-Callejas, J. D., Fuchs, E. & Perez-Cruz, C. (2016). Evidence of Tau Hyperphosphorylation and Dystrophic Microglia in the Common Marmoset. [Frontiers in Aging Neuroscience](#), 8, 315.
- 28 Morales-Tapia, A. & Cruz-Ramirez, A. (2016). Computational Modeling of Auxin: a Foundation for Plant Engineering. [Frontiers in Plant Science](#), 7, 1881.
- 29 Gomez-Diaz, R. A., Medina-Santillan, R., Castro-Magdonel, B. E. et al. (2016). Level of Expression of Gene Ctsl and Its Correlation With Natural Killer T-Cells in Mexican Pediatric Patients With Recent-Onset Type 1 Diabetes. [Gaceta Medica De Mexico](#), 152, 14-21.
- 30 Giocanti-Auregan, A., Vacca, O., Benard, R. et al. (2016). Altered astrocyte morphology and vascular development in dystrophin-Dp71-null mice. [Glia](#), 64, 716-729.
- 31 Hernandez-Melchor, D. J., Carmona-Jimenez, J., Hidalgo-Lara, M. E., Dendooven, L., Marsch-Moreno, R. & Canizares-Villanueva, R. O. (2016). Identificacion morfologica y filogenetica de un consorcio microbiano fotosintetico de posible interes biotecnologico. [Hidrobiologica](#), 26(2), 311-321.
- 32 Gonzalez, J., Gutierrez, B., Gutierrez, D. & Lara, A. (2016). Motion Planning in Real Flag Manifolds. [Homology Homotopy and Applications](#), 18(2), 359-375.
- 33 Ramirez-Neria, M., Ochoa-Ortega, G., Lozada-Castillo, N., Trujano-Cabrera, M. A., Campos-Lopez, J. P. & Luviano-Juarez, A. (2016). On the Robust Trajectory Tracking Task for Flexible-Joint Robotic Arm With Unmodeled Dynamics. [Ieee Access](#), 4, 7816-7827.
- 34 Jimenez, J. E. O. & Henriquez, F. R. (2016). Protected implementation of pairing based two factor authentication protocols. [Ieee Latin America Transactions](#), 14(9), 4173.
- 35 Damak, S., Di Loreto, M., Mondie, S. & Brun, X. (2016). Exponential stability with decay rate estimation for linear difference equations. [Ieee Transactions on Automatic Control](#), 61(1), 252.
- 36 Solis-Avila E., Tinoco, J. C., Martinez-Lopez, A. G., Reyes-Barranca, M. A., Cerdeira, A. & Raskin, J. P. (2016). Parasitic gate resistance impact on triple-gate FinFET Cmos inverter. [Ieee Transactions on Electron Devices](#), 63(7), 2635.

- 37 Tang, J., Chai, T., Liu, Z. & Zhou, X. (2016). A comparative study that measures ball mill load parameters through different single-scale and multiscale frequency spectra-based approaches. [Ieee Transactions on Industrial Informatics](#), 12(6), 2008.
- 38 Morales, A. & Nijmeijer, H. (2016). Merging Strategy for Vehicles by Applying Cooperative Tracking Control. [Ieee Transactions on Intelligent Transportation Systems](#), 17(12), 3423-3433.
- 39 Golpira, H., Seifi, H., Roman-Messina, A. & Haghifam, M. R. (2016). Maximum penetration level of micro-grids in large-scale power systems: frequency stability viewpoint. [Ieee Transactions on Power Systems](#), 31(6), 5163.
- 40 Miranda, F. A., Castanos, F. & Poznyak, A. (2016). Min-max piecewise constant optimal control for multi-model linear systems. [Ima Journal of Mathematical Control and Information](#), 33, 1157-1176.
- 41 Torres-Huerta, A., Cruz-Huerta, J., Hopfl, H., Hernandez-Vazquez, L. G., Escalante-Garcia, J., Jimenez-Sanchez, A., Santillan, R., Hernandez-Ahuactzi, I. F. & Sanchez, M. (2016). Variation of the Molecular Conformation, Shape, and Cavity Size in Dinuclear Metalla-Macrocycles Containing Hetero-Ditopic Dithiocarbamate-Carboxylate Ligands From a Homologous Series of N-Substituted Amino Acids. [Inorganic Chemistry](#), 55(23), 12451-12469.
- 42 Lopez-Perez, P. A., Puebla, H., Sanchez, H. I. V. & Aguilar-Lopez, R. (2016). Comparison Tools for Parametric Identification of Kinetic Model for Ethanol Production Using Evolutionary Optimization Approach. [International Journal of Chemical Reactor Engineering](#), 14(6), 1201-1209.
- 43 Velazquez-Sanchez, H. I., Puebla-Nunez, H. F. & Aguilar-Lopez, R. (2016). Novel Feedback Control to Improve Biohydrogen Production by Desulfovibrio Alaskensis. [International Journal of Chemical Reactor Engineering](#), 14(6), 1255-1264.
- 44 Fernandez-Luqueno, F., Gamero-Melo, P., Lopez-Valdez, F., Aguilera-Gonzalez, E. N., Garcia-Guillermo, M. D., Hernandez-Martinez, G., Fernandez-Fernandez, O., Alvarez-Garza, M. A. & Perez-Velazquez, I. R. (2016). Physicochemical and Microbiological Characterisation for Drinking Water Quality Assessment in Southeast Coahuila, Mexico. [International Journal of Environment and Pollution](#), 59(1), 78-92.
- 45 Uribe-Godinez, J., Garcia-Montalvo, V. & Jimenez-Sandoval, O. (2016). Study of the Oxygen Reduction and Hydrogen Oxidation Reactions on Rhirru-Based Catalysts. [International Journal of Hydrogen Energy](#), 41(47), 22520-22528.
- 46 Rendon-Angeles, J. C., Matamoros-Veloza, Z., Lopez-Cuevas, J., Perez-Garibay, R., Diaz-Algara, J. & Yanagisawa, K. (2016). Rotary-hydrothermal method assiting the conversion of celestine into scheelite SrWO<sub>4</sub> in alkaline solutions. [International Journal of Mineral Processing](#), 148, 105-115.
- 47 Vales-Pinzon, C., Vega-Flick, A., Pech-May, N. W., Alvarado-Gil, J. J., Medina-Esquivel, R. A., Zambrano-Arjona, M. A. & Mendez-Gamboa, J. A. (2016). Increasing the Thermal Conductivity of Silicone Based Fluids Using Carbon Nanofibers. [Journal of Applied Physics](#), 120(20), 205109.

- 48 Flores-Tlalpa, A., Lopez-Castro, G. & Roig, P. (2016). Five-body leptonic decays of muon and tau leptons. [Journal of High Energy Physics](#), (4), 185.
- 49 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Azimuthal decorrelation of jets widely separated in rapidity in pp collisions at root s = 7 Tev. [Journal of High Energy Physics](#), (8), 139.
- 50 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Centrality dependence of psi(2S) suppression in p-Pb collisions at root SN = 5.02 Tev. [Journal of High Energy Physics](#), (6), 050.
- 51 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at root SNN = 2.76 Tev. [Journal of High Energy Physics](#), (9), 164.
- 52 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of electroweak production of a W boson and two forward jets in proton-proton collisions at root s = 8 Tev. [Journal of High Energy Physics](#), (11), 147.
- 53 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the mass of the top quark in decays with a J/psi meson in pp collisions at 8 Tev. [Journal of High Energy Physics](#), (12), 123.
- 54 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the t t over bar production cross section in the epsilon mu channel in proton-proton collisions at root s = 7 and 8 Tev. [Journal of High Energy Physics](#), (8), 029.
- 55 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurements of the Higgs bosons production and decay rates and constraints on its couplings from a combined Atlas and Cms analysis of the Lhc pp collision data at root s = 7 and 8 Tev. [Journal of High Energy Physics](#), (8), 045.
- 56 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for dark matter in proton-proton collisions at root s = 8 with missing transverse momentum and vector boson tagged jets. [Journal of High Energy Physics](#), (12), 083.
- 57 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for dark matter particles in proton-proton collisions at root s = 8 Tev using the razor variables. [Journal of High Energy Physics](#), (12), 088.
- 58 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at root s = 8 Tev. [Journal of High Energy Physics](#), (7), 027.
- 59 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for new physics in final states with two opposite-sign, same-flavor leptons, jets and missing transverse momentum in pp collisions at root s = 13Tev. [Journal of High Energy Physics](#), (12), 013.

- 60 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for supersymmetry in pp collisions at root s = 13 TeV in the single-lepton final state using the sum of masses of large-radius jets. [Journal of High Energy Physics](#), (8), 122.
- 61 Santos, O., Romero, H., Salazar, S., Garcia-Perez, O. & Lozano, R. (2016). Optimized Discrete Control Law for Quadrotor Stabilization: Experimental Results. [Journal of Intelligent & Robotic Systems](#), 84(1-4), 67-81.
- 62 Vargas-Jacob, J. A., Corona-Sanchez, J. J. & Rodriguez-Cortes, H. (2016). Experimental Implementation of a Leader-Follower Strategy for Quadrotors Using a Distributed Architecture. [Journal of Intelligent & Robotic Systems](#), 84(1-4), 435-452.
- 63 Salinas, J. & Salinas, A. (2016). Evaluation of microstructure and magnetic properties in non-oriented electrical steel strained by tension. [Journal of Iron and Steel Research International](#), 23(2), 166-170.
- 64 Torres-Vega, G. (2016). A symmetric time-like operator. [Journal of Mathematical Physics](#), 57, 122111.
- 65 Gonzalez-Ibarra, A. A., Nava-Alonso, F., Fuentes-Aceituno, J. C. & Uribe-Salas, A. (2016). Hydrothermal Decomposition of Industrial Jarosite in Alkaline Media: the Rate Determining Step of the Process Kinetics. [Journal of Mining and Metallurgy Section B-Metallurgy](#), 52(2), 135-142.
- 66 Medina-Velazquez, D. Y., Alejandre-Zuniga, B. Y., Loera-Serna, S., Ortiz, E. M., Morales-Ramirez, A. J., Garfias-Garcia, E., Garcia-Murillo, A. & Falcony, C. (2016). An alkaline one-pot reaction to synthesize luminescent Eu-BTC MOF nanorods, highly pure and water-insoluble, under room conditions. [Journal of Nanoparticle Research](#), 18, 352.
- 67 Gomora-Arrati, P., Dominguez, G. & Agmo, A. (2016). GABA Receptors in the Medial Preoptic Area Modulate the Onset of Oestradiol-Induced Maternal Behaviour in Hysterectomised-Ovariectomised, Pregnant Rats. [Journal of Neuroendocrinology](#), 28, 10.1111.
- 68 Mayen-Mondragon, R., Avila-Herrera, C. A., Herrera-Gomez, A., Yanez-Limon, J. M. & Ramirez-Bon, R. (2016). Laser reflection as a simple prospect tool for nondestructive quality control of charged lapping plates. [Journal of Tribology](#), 139(2), 021101.
- 69 Victoria-Valenzuela, D., Herrera-Ordonez, J., Luna-Barcenas, G., Verros, G. D. & Achilias, D. S. (2016). Bulk free radical polymerization of methyl methacrylate and vinyl acetate: a comparative study. [Macromolecular Reaction Engineering](#), 10, 577-587.
- 70 Cruz, R., Duque, F. & Rada, J. (2016). Hexagonal Systems With Minimal Number of Inlets. [Match-Communications in Mathematical and in Computer Chemistry](#), 76(3), 707-722.
- 71 Roman-Doval, R., Morales-Corona, J., Olayo, R., Escamilla-Rivera, V., Uribe-Ramirez, M. & Ortega-Lopez, M. (2016). Evaluation of Nanoparticles of Hydroxyapatite and Mwcnt's in Scaffolds of Poly Lactic Acid. [Materials Research Express](#), 3(12), 125402.

- 72 Mendoza-Perez, A. F., Jasso-Fuentes, H. & De la Cruz-Courtois, O. A. (2016). Constrained Markov decision processes in Borel spaces: from discounted to average optimality. [Mathematical Methods of Operations Research](#), 84, 489-525.
- 73 Aguilar-Ibanez, C., Sira-Ramirez, H. & Suarez-Castanon, M. S. (2016). A Linear Active Disturbance Rejection Control for a Ball and Rigid Triangle System. [Mathematical Problems in Engineering](#), 2016, 1358930.
- 74 Puente, E. I., De la Cruz, L., Arenas, I., Elias-Vinas, D. & Garcia, D. E. (2016). Voltage-independent inhibition of the tetrodotoxin-sensitive sodium currents by oxotremorine and angiotensin II in rat sympathetic neurons. [Molecular Pharmacology](#), 89, 476-483.
- 75 Parra-Vega, V., Garcia-Rodriguez, R. & Armendariz, J. (2016). Neurofuzzy self-tuning of the dissipation rate gain for model-free force-position exponential tracking of robots. [Neurocomputing](#), 171, 209-219.
- 76 Moreno-Campos, R., Florencio-Martinez, L. E., Nepomuceno-Mejia, T., Rojas-Sanchez, S., Velez-Ramirez, D. E., Padilla-Mejia, N. E., Figueroa-Angulo, E., Manning-Cela, R. & Martinez-Calvillo, S. (2016). Molecular Characterization of 5s Ribosomal RNA Genes and Transcripts in the Protozoan Parasite Leishmania Major. [Parasitology](#), 143(14), 1917-1929.
- 77 Cornejo-Corona, I., Thapa, H. R., Browne, D. R., Devarenne, T. P. & Lozoya-Gloria, E. (2016). Stress Responses of the Oil-Producing Green Microalga Botryococcus Braunii Race B. [PeerJ](#), 4, 2748.
- 78 Morales-Lopez, J., Centeno-Alvarez, M., Nieto-Camacho, A., Lopez, M. G., Perez-Hernandez, E., Perez-Hernandez, N. & Fernandez-Martinez, E. (2016). Evaluation of antioxidant and hepatoprotective effects of white cabbage essential oil. [Pharmaceutical Biology](#), 55(1), 233-241.
- 79 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Charge-dependent flow and the search for the chiral magnetic wave in Pb-Pb collisions at root SNN = 2.76 TeV. [Physical Review C](#), 93, 044903.
- 80 Aab, A., Abreu, P., Aglietta, M. et al. (2016). Ultrahigh-energy neutrino follow-up of gravitational wave events GW150914 and GW151226 with the Pierre Auger Observatory. [Physical Review D](#), 94, 122007.
- 81 Gaitan, R., De Oca, J. H. M., Garces, E. A. & Martinez, R. (2016). Rare Top Decay T → C Gamma With Flavor Changing Neutral Scalar Interactions in Two Higgs Doublet Model. [Physical Review D](#), 94(9), 094038.
- 82 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the Integrated and Differential T(T)Over-Bar Production Cross Sections for High-P(T) Top Quarks in Pp Collisions at Root S=8 TeV. [Physical Review D](#), 94(7), 072002.
- 83 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Long-Lived Charged Particles in Proton-Proton Collisions at Root S=13 TeV. [Physical Review D](#), 94(11), 112004.

- 84 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Searches for R-parity-violating supersymmetry in pp collisions at root s = 8 Tev in final states with 0-4 leptons. [Physical Review D](#), 94, 112009.
- 85 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Studies of inclusive four-jet production with two b-tagged jets in proton-proton collisions at 7 Tev. [Physical Review D](#), 94, 112005.
- 86 Aab, A., Abreu, P., Aglietta, M. et al. (2016). Evidence for a mixed mass composition at the 'ankle' in the cosmic-ray spectrum. [Physics Letters B](#), 762, 288-295.
- 87 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Pseudorapidity dependence on the anisotropic flow of charged particles in Pb-Pb collisions at root SNN= 2.76 tev. [Physics Letters B](#), 762, 376-388.
- 88 Ayon-Beato, E., Canfora, F. & Zanelli, J. (2016). Analytic self-gravitating Skyrmiions, cosmological bounces and SdS wormholes. [Physics Letters B](#), 752, 201-205.
- 89 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the W boson helicity fractions in the decays of top quark pairs to lepton + jets final states produced in pp collisions at root s = 8 Tev. [Physics Letters B](#), 762, 512-534.
- 90 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the ZZ production cross section and Z → l+l'-l'+l' - branching fraction in pp collisions at root s = 13 Tev. [Physics Letters B](#), 763, 280-303.
- 91 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for lepton flavour violating decays of the Higgs boson to epsilon tau and epsilon mu in proton-proton collisions at root s = 8 Tev. [Physics Letters B](#), 763, 472-500.
- 92 Moiseev, K. D., Romanov, V. V. & Kudryavtsev, Y. A. (2016). Features of an InAsSbP epilayer formation on an InAs support by metalorganic vapor phase epitaxy. [Physics of the Solid State](#), 58(11), 2285-2289.
- 93 Avila-Rodriguez, V., Vacio-Fraga, C. A., Nava-Camberos, U., Marquez-Hernandez, C., Garcia-De la Pena, C., Olalde-Portugal, V. & Garcia-Hernandez, J. L. (2016). Identification, population dynamics and parasitism of aphids in pecan in the Comarca Lagunera, Mexico. [Phyton - International Journal of Experimental Botany](#), 85, 249-255.
- 94 Alfaro, A., Juarez-Torres, E., Medina-Martinez, I., Mateos-Guerrero, N., Bautista Huerta, M., Roman-Bassaure, E., Villegas-Sepulveda, N. & Berumen, J. (2016). Different association of human papillomavirus 16 variants with early and late presentation of cervical cancer. [Plos One](#), 11(12), e0169315.
- 95 Gillmor, C. S., Roeder, A. H. K., Sieber, P., Somerville, C. & Lukowitz, W. (2016). A genetic screen for mutations affecting cell division in the *Arabidopsis thaliana* embryo identifies seven loci required for cytokinesis. [Plos One](#), 11(1), e0146492.

- 96 Iandiorio, M. J., Fair, J. M., Chatzipanagiotou, S. et al. (2016). Preventing data ambiguity in infectious diseases with four-dimensional and personalized evaluations. [Plos One](#), 11(7), e0159001.
- 97 Oidor-Chan, V. H., Hong, E., Perez-Severiano, F., Montes, S., Torres-Narvaez, J. C., Del Valle-Mondragon, L., Pastelin-Hernandez, G. & Sanchez-Mendoza, A. (2016). Fenofibrate plus metformin produces cardioprotection in a type 2 diabetes and acute myocardial infarction model. [Ppar Research](#), 2016, 8237264.
- 98 Guzman-Hernandez, R. L., Contreras-Rodriguez, A., Avila-Calderon, E. D. & Morales-Garcia, M. R. (2016). Brucellosis: a Zoonosis of Importance in Mexico. [Revista Chilena De Infectologia](#), 33(6), 656-662.
- 99 Moreno, A. A., Munoz, J. M. & Aranda, D. A. (2016). Spatio-Temporal Variation of the Ichthyofauna in Xel-Ha, Mexican Caribbean Marine Park and Its Relationship to Physico-Chemical Parameters. [Revista De Biología Tropical](#), 64(4), 1353-1367.
- 100 Plancarte-De La Torre, M. M., Nunez-Palenius, H. G. & Gomez-Lim, M. A. (2016). Tomato Transformation With Genes Involved in Plant Immunity to Confer Broad Resistance Against Bacteria. [Revista Fitotecnia Mexicana](#), 39(4), 349-358.
- 101 Cupul, W. C., Abarca, G. P. H. & Vazquez, R. R. (2016). Isolation and Evaluation of the Ligninolytic Enzyme Activity of Macromycetes of the State of Veracruz, Mexico. [Revista Internacional De Contaminacion Ambiental](#), 32(3), 339-351.
- 102 Beltran-Soria, M. P. & Montiel-Espinosa, G. (2016). Modeling in trigonometric functionality development thinking of middle school mexican students. [Revista Latinoamericana De Investigacion En Matematica Educativa-Relime](#), 19(3), 255-286.
- 103 Morales-Nieto, C. R., Avendano-Arrazate, C., Melgoza-Castillo, A., Gil-Vega, K. C., Quero-Carrillo, A., Jurado-Guerra, P. & Martinez-Salvador, M. (2016). Morphological and molecular characterization of sideoats grama (*Bouteloua curtipendula*) populations in Chihuahua, Mexico. [Revista Mexicana De Ciencias Pecuarias](#), 7(4), 455-469.
- 104 Rodriguez-Mata, A. E., Torres-Munoz, J. A., Dominguez-Bocanegra, A. R., Flores, G. & Rangel-Peraza, G. (2016). Nonlinear Robust Control for a Photobioreactor in Prescence of Parametric Disturbances. [Revista Mexicana De Ingenieria Quimica](#), 15(3), 985-993.
- 105 Tzintzun-Camacho, O., Sanchez-Segura, L., Minchaca-Acosta, A. Z., Rosales-Colunga, L. M., Hernandez-Orihuella, A. & Martinez-Antonio, A. (2016). Development of Bacterial Culture Medium From Avocado Seed Waste. [Revista Mexicana De Ingenieria Quimica](#), 15(3), 831-842.
- 106 Ramirez-Aparicio, J., Samaniego-Benitez, J. E. & Ramirez-Bon, R. (2016). TiO<sub>2</sub>-Chabazite Semiconductor Composites for Photocatalytic Degradation of Rhodamine Under Sunlight Irradiation. [Solar Energy](#), 139, 258-265.
- 107 Carmona-Espindola, J., Gazquez, J. L., Vela, A. & Trickey, S. B. (2016). Global hybrid exchange energy functional with correct asymptotic behavior of the corresponding potential. [Theoretical Chemistry Accounts](#), 135, 120.

108 Modal, S., Osorio, E., Pan, S., Cabellos, J. L., Martinez, S., Florez, E. & Merino, G. (2016). Why CpAl-Cr(CO)5 is linear while CpIn-Cr(CO)5 is not? understanding the structure and bonding of the CpE-Cr(CO)5 (E=group 13 element) complexes. [Theoretical Chemistry Accounts](#), 135, 240.

109 Gonzalez, J., Gutierrez-Mejia, B. & Yuzvinsky, S. (2016). The higher topological complexity of subcomplexes of products of spheres and related polyhedral product spaces. [Topological Methods in Nonlinear Analysis](#), 48(2), 419-451.

110 Suarez-Martinez, R., Ocampo-Macias, T., Lara-Romero, J., Lemus-Ruiz, J., Jimenez-Aleman, O., Chinas-Castillo, F., Sagaro-Zamora, R., Jimenez-Sandoval, S. & Paraguay-Delgado, F. (2016). Synthesis and Tribological Performance of Carbon Nanostructures Formed on Aisi 316 Stainless Steel Substrates. [Tribology Letters](#), 64(3), 36.

111 Chin, W., Huchim-Lara, O. & Salas, S. (2016). Decreasing carbon monoxide in the diving air of artisanal fishermen in the Yucatan peninsula by separation of engine. Undersea & Hyperbaric Medical Society, 4(3), 411-419.

112 Breton-Deval, L., Rios\_leal, E., Poggi-Varaldo, H. M. & Ponce-Noyola, T. (2016). Biodegradability of nonionic surfactant used in the remediation of groundwaters polluted with PCE. [Water Environment Research](#), 88, 2159.

113 Robertson, D. R., Perez-Espana, H., Lara, E. N., Itza, F. P. & Simoes, N. (2016). The Fishes of Cayo Arcas (Campeche Bank, Gulf of Mexico): an Updated Checklist. [Zookeys](#), (640), 139-155.

**[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXLENDO EN OTRAS REVISTAS ESPECIALIZADAS  
(INCLUÍDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)**

114 Tang, J., Chai, T. Y., Liu, Z., Yu, W. & Zhou, X. J. (2016). Adaptive ensamble modelling approach based on updating sample intelligent identification. [Acta Automatica Sinica](#), 42(7), 1040-1052.

115 Cruz-Hernandez, A., Escobar-Feregrino, T., Guevara-Gonzalez, R. G., Torres-Pacheco, I., Caballero-Perez, J., Cruz-Ramirez, A., Herrera-Estrella, L. & Arteaga-Vazquez, M. (2016). Mirnas Analysis During Prickly Pear Development. [Acta Horticulturae](#), 1110, 99-103.

116 Lopez-Gomez, R., Suarez-Rodriguez, L. M., Ibarra-Laclette, E., Guzman-Rodriguez, J. J. & Lopez-Meza, J. E. (2016). Transcriptome (Ests) of native mexican avocado fruit is dominated by stress and innate immunity genes. [Acta Horticultural](#), 1144, 43-48.

117 Burgos-Solis, Y. & Montiel, S. (2016). Alimentary prospection of the spider monkey (*Ateles geoffroyi*) in petenes of coastal wetland of Campeche, Mexico. [Acta Zoologica Mexicana](#), 32(3), 404.

118 Torres-Jimenez, J. & Avila-George, H. (2016). Search-based software engineering to construct binary test-suites. [Advances in Intelligent Systems and Computing](#), 405, 201-.

119 Huchin-Lara, O., Salas, S., Fraga, J., Mendez-Dominguez, N. & Chin, W. (2016). Fishermen's perceptions and attitudes toward risk diving and management issues in small-scale fisheries. [American Journal of Human Ecology](#), 5(1), 1-10.

120 Rios-Herrera, E. N., Partida-Martinez, L. P., Ochoa-Fuentes, Y. M., Cerna-Chavez, E., Hernandez-Castillo, F. D., Flores-Olivas, A., Olalde-Portugal, V. & Rodriguez-Guerra, R. (2016). First report on the presence of Phyllachora sp. in corn crops at Toluca, Estado de Mexico. *American Journal of Plant Sciences*, 7, 733-739.

121 Cruz-Morales, R. D., Velasco-Villa, M., Rodriguez-Angeles, A. & Del Muro-Cueilar, B. (2016). Leader-follower formation based on time-gap separation. *AmRob Journal of Robotics Theory and Applications*, 4(2), 25-30.

122 Gonzalez-Sierra, J., Santiaguillo-Salinas, J. & Aranda-Bricaire, E. (2016). Individual obstacle avoidance for groups of mobile robots in formation tracking. *AmRob Journal of Robotics Theory and Applications*, 4(3), 63-68.

123 Hernandez-Mejia, A. J. & Aranda-Bricaire, E. (2016). Control de posicion de un objeto pendiente de un cuadrirotor. *AmRob Journal of Robotics Theory and Applications*, 4(3), 7-12.

124 Nunez-Cruz, R. S. & Ibarra-Zannatha, J. M. (2016). Johnny: caminando parametrizado y teleoperacion mediante dispositivos moviles. *AmRob Journal of Robotics Theory and Applications*, 4(2), 37-44.

125 Olivares-Cruz, M., Velasco-Villa, M. & Castro-Linares, R. (2016). Seguimiento de trayectorias libre de singularidades para una clase de robots moviles no holonomos. *AmRob Journal of Robotics Theory and Applications*, 4(4), 86-91.

126 Santiaguillo-Salinas, J., Gonzalez-Sierra, J. & Aranda-Bricaire, E. (2016). Evasion de obstaculos en el control de marcha para sistemas multi-agente. *AmRob Journal of Robotics Theory and Applications*, 4(3), 75-80.

127 Duval, R. & Pluvialage, F. (2016). Apprentissages algebriques. *Annales De Didactique Et Des Sciences Cognitives*, 21, 117-152.

128 Oktac, A. (2016). Abstract algebra learning: mental structures, definitions, examples, proofs and structure sense. *Annales De Didactique Et Des Sciences Cognitives*, 21, 297-316.

129 Flores, G. & Morales-Medina, J. C. (2016). Effect of neuroleptic administration on neuronal changes and nitric oxide in a rat model of schizophrenia. *Annals of Psychiatry and Mental Health*, 4(3), 1065.

130 Banik, S. D. & Dickinson, F. (2016). Comparison height, body fatness and socioeconomic status between pre and postmenarcheal girls 11 to 13 years of age in Merida, Yucatan. *Anthropologie*, 54(2), 141-154.

131 Banik, S. D., Das, S., Bose, K. & Gritlahre, M. (2016). Estimation of stature from hand and foot dimensions among university girl students in Bilaspur, Chhattisgarh, India. *Anthropologie*, 54(3), 291-297.

132 Collado, J. & Jardon-Kojakhmetov, H. (2016). Vibrational stabilization by reshaping Arnold tongues: a numerical approach. [Applied Mathematics](#), 7, 2005-2020.

133 Gutierrez-Lazos, C. D., Solis-Pomar, F., Melendez, M. F., Espinoza-Rivas, A. M., Perez-Guzman, M. A., Ortega-Amaya, R., Ortega-Lopez, M. & Perez-Tijerina, E. (2016). A simple method for the deposition of nanostructured tellurium synthesized in ammonia solution. [Applied Nanoscience](#), 6, 1053-1057.

134 Lara-Padilla, E., Miliar-Garcia, A., Gomez-Lopez, M. et al. (2016). Neural transdifferentiation: MapTau gene expression in breast cancer cells. [Asian Pacific Journal of Cancer Prevention](#), 17, 1967-1971.

135 Cortes, J. C., Hitt, F. & Saboya, M. (2016). Arithmetico-algebraic thinking through a mathematical working space in a paper, pencil and technological environment in secondary school. [Bolema Rio Claro](#), 30(54), 240-264.

136 Pluvinage, F. & Flores, P. (2016). Semiotic genesis of integers. [Bolema Rio Claro](#), 30(54), 120-141.

137 Kravchenko, V. V. & Torba, S. M. (2016). Analytic approximation of transmutation operators and related systems of functions. [Boletin De La Sociedad Matematica Mexicana](#), 22, 389-429.

138 Loaiza, M. & Lozano, C. (2016). On Toeplitz operators on the pluriharmonic Bergman space on the Siegel domain. [Boletin De La Sociedad Matematica Mexicana](#), 22, 583-604.

139 Pawlaschyk, T. & Zeron, E. S. (2016). On convex hulls and pseudoconvex domains generated by q-plurisubharmonic functions, part II. [Boletin De La Sociedad Matematica Mexicana](#), 22, 367-388.

140 Civera-Cerecedo, A. (2016). Between the past, the present, the school's memory and oral history: the pedagogy spanish in it education normal in Mexico through the exile. [Cadernos De Historia Da Educacao](#), 15(3), 902-925.

141 Didou, S. (2016). Chercheurs etrangers et internatinalisation systeme scientifique au Mexique. [Cahiers De La Recherche Sur L'Education Et Les Savoir](#), (15), 263-280.

142 Bolio-Lopez, G. I., Ross-Alcudia, R. E., Veleva, L., Azamar-Barrios, J. A., Cadenas-Madrigal, G., Hernandez-Villegas, M. M., De la Cruz-Burelo, P. & Sanchez-Cordova, S. (2016). Extraction and characterization of cellulose from agroindustrial waste of pineapple (*Ananas comosus* L. Merrill) crowns. [Chemical Science Review and Letters](#), 5(17), 198-204.

143 Jalife, S., Mondal, S., Cabellos, J. L., Pan, S., Mendez-Rojas, M. A., Fernandez, I., Frenking, G. & Merino, G. (2016). Breaking the isolated pentagon rule by encapsulating Xe<sub>2</sub> in C<sub>60</sub>: the guest defines the shape on the host. [Chemistry Select](#), 1, 2405-2408.

144 Jana, G., Saha, R., Pan, S., Kumar, A., Merino, G. & Chattaraj, P. K. (2016). Noble gas binding ability of metal-bipyridine monocationic complexes (Metal=Cu, Ag, Au): a computational study. [Chemistry Select](#), 1, 5842-5849.

- 145 Ochoa-Martinez, L. A., Castillo-Vazquez, K., Figueroa-Cardenas, J. D., Morales-Castro, J. & Gallegos-Infante, J. A. (2016). Quality evaluation of tortilla chips made with corn meal dough and cooked bean flour. [Cogent Food & Agriculture](#), 2, 1136017.
- 146 Caballero, P. C., Viveros, A. M. & Rubio, E. H. (2016). Distributed User Interfaces for Luria's Tests for Older Adults. [Communications in Computer and Information Science](#), 617, 413-419.
- 147 Camacho-Machin, M., Moreno, M. & Santos-Trigo, M. (2016). Revisiting mathematical textbooks problems in a technology enhanced learning environment. [Communications in Computer and Information Science](#), 620, 3-14.
- 148 Santos-Trigo, M., Reyes-Martinez, I. & Aguilar-Magallon, D. (2016). Digital technologies and a modeling approach to learn mathematics and develop problem solving competencies. [Communications in Computer and Information Science](#), 620, 193-206.
- 149 Barrera, J., Alvarez-Bajo, O., Flores, J. J. & Coello-Coello, C. A. (2016). Limiting the velocity in the particle swarm optimization algorithm. [Computacion y Sistemas](#), 20(4), 635-645.
- 150 Garcia-Perez, O., Silva-Navarro, G. & Peza-Solis, J. F. (2016). Vibration Control on a Space Flexible Structure With a Pzt Stack Actuator Using Strain and Mppf Control. [Conference Proceedings of the Society for Experimental Mechanics Series](#), 8922, 111-119.
- 151 Trujillo-Franco, L. G., Silva-Navarro, G. & Beltran-Carbajal, F. (2016). Parameter estimation on nonlinear systems using orthogonal and algebraic techniques. [Conference Proceedings of the Society for Experimental Mechanics Series](#), p347-.
- 152 Sira-Ramirez, H., Hernandez-Mendez, A., Linares-Flores, J. & Luviano-Juarez, A. (2016). Robust flat filtering Dsp based control of the boost converter. [Control Theory and Technology](#), 14(3), 224-236.
- 153 Flores-Campos, J. A., Perrusquia-Guzman, J. A., Beltran-Fernandez, J. A. & Hernandez-Gomez, L. H. (2016). Sliding mode control of a water-displacement based mechanism applied to the orientation of a parabolic-trough solar concentrator. [Defect and Diffusion Forum](#), 370, 90-97.
- 154 Buteau, C., Muller, E., Marshall, N., Sacristan, A. I. & Mgombelo, J. (2016). Undergraduate mathematics students appropriating programming as a tool for modelling, simulation and visualization: a case study. [Digital Experiences in Mathematics Education](#), 2, 142-166.
- 155 Alonso-Lemus, I. L., Escobar-Morales, B., Rodriguez-Varela, F. J., Gonzalez-Quijano, D., Lardizabal-Gutierrez, D., Pacheco-Saucedo, K. & De la Torre-Saenz, L. (2016). Synthesis of metal-free electrocatalyst obtained from different biomass sources with high performance for oxygen reduction reaction in fuel cells. [ECS Transactions](#), 75, 1035-1040.
- 156 Grosvenor, I., Dussel, I., Kestere, I., Priem, K., Rasmussen, L. R. & Van Gorp, A. (2016). We seek revelation with our eyes: engaging with school cultures through montage. [Encounters in Theory and History of Education](#), 17, 2-26.

- 157 Serrano, D. A., Sanchez-Silva, F., Klapp, J., Tamayo, P., Medina, A. & Dominguez, G. (2016). Trajectories of water and sand jets. [Environmental Science and Engineering](#), p289-.
- 158 Banik, S. D., Bhattacharjee, P. & Mukhopadhyay, B. (2016). Low Height-for-Age Among Limbu and Mech Children and Adolescents From Two Districts of West Bengal, India. [Epidemiology Biostatistics and Public Health](#), 13(4), e12082.
- 159 Medina, S. P. & Fargher, L. F. (2016). Use of Recreational Parks in Merida, Yucatan. [Estudios Demograficos Y Urbanos](#), 31(3), 775-810.
- 160 Cedillo, L., Ocampo-Barcenas, A., Maldonado, I., Valdez-Morales, F. J., Camargo, F. & Lopez-Bayghen, E. (2016). A simple, less invasive stripper micropipette-based technique for day 3 embryo biopsy. [Fertility Research and Practice](#), 2, 13.
- 161 Martinez-Soto, D. & Ruiz-Herrera, J. (2016). Infection of Zea mays by haploid strains of Ustilago maydis. [Fungal Genomics & Biology](#), 6(2), 1000141.
- 162 Martinez-Soto, D., Perez-Garcia, F. E. & Ruiz-Herrera, J. (2016). Arabidopsis infection by haploid or diploid strains of Ustilago maydis reveals its capacity as a necrotrophic or biotrophic phytopathogen. [Fungal Genomics & Biology](#), 6(1), 1000133.
- 163 Medina-Gomez, I., Enriquez, C., Kjerfve, B., Marino-Tapia, I. & Herrera-Silveira, J. (2016). Hydrodynamic variability in a microtidal coastal bay geographically susceptible to north east trade winds. [Gulf and Caribbean Research](#), 27, 52-65.
- 164 Barajas-Medina, F., Pena-Cabriales, J. J. & Maldonado-Vega, M. (2016). Slag of batteries and application of biotechnology processes in their lower toxicity. [Indian Journal of Research](#), 5(12), 406.
- 165 Moreno-Martinez, N., Font-Moll, V. & Ramirez-Maciel, J. C. (2016). The importance of the diagrams in the resolution of problems concerned deformable bodies in mechanics: the case of friction forces. [Ingeniare. Revista Chilena De Ingenieria](#), 24(1), 158-172.
- 166 Das, R., Das, S., Banik, S. D., Saha, R., Chakraborty, A. & Dasgupta, P. (2016). Secular trends in physical growth and maturation in 7 to 21 year-old Bengali boys and girls from Kalkota, India, over six decades of time interval. [International Journal Anthropology](#), 31(3-4), 185-226.
- 167 Dominguez-Nicolas, S. M., Arguelles-Lucho, P. & Wiederhold, P. (2016). Fpga based image acquisition and graphic interface for hardness test by indentation. [International Journal of Advanced Computer Technology](#), 5(6), 6.
- 168 Caamal-Herrera, I. O., Munoz-Rodriguez, D., Madera-Santana, T. & Azamar-Barrios, J. A. (2016). Identification of volatile compounds in essential oil and extracts of Ocimum micranthum Willd leaves using Gc/Ms. [International Journal of Applied Research in Natural Products](#), 9(1), 31-40.

- 169 Caamal-Herrera, I. O., Munoz-Rodriguez, D., Madera-Santana, T. & Azamar-Barrios, J. A. (2016). Identification of volatile compounds in hydro-alcoholic extracts of Calendula officinalis L. flowers and Mimosae tenuiflorae bark using Gc/Ms. [International Journal of Applied Research in Natural Products](#), 9(1), 20-30.
- 170 Palomino-Merino, R., Lozada-Morales, R., Martinez-Juarez, J. et al. (2016). Photo-acoustic properties of nanoTiO<sub>2</sub>:Er. [International Journal of Basic and Applied Sciences](#), 5(4), 196-199.
- 171 Korzhik, V., Morales-Luna, G. & Fedyanin, I. (2016). Design of high speed stegosystem based on Trellis codes jointly with generalised Viterbi algorithm. [International Journal of Computer Science and Applications](#), 13(2), 1-15.
- 172 Valdez, S., Bautista, A., Robles, C., Villanueva, M. & Pech-Canul, M. I. (2016). Thermochemistry oxidation of trimetallic alloy modified by thermal procedure. [International Journal of Innovative Research in Science, Engineering and Technology](#), 5(4), 5235.
- 173 Guerrero-Ortiz, C., Reyes-Rodriguez, A. & Espinosa-Perez, H. (2016). Using a dynamic geometry system to integrate analytic and synthetic knowledge in the solution of geometry problems. [International Journal of Learning Technology](#), 11(3), 179-197.
- 174 Chavez-Urbiola, I., Vorobiev, Y. & Ramirez-Bon, R. (2016). New principles in design and technology of multi-junction solar energy converters. [International Journal of Materials, Mechanics and Manufacturing](#), 4(1), 80.
- 175 Yee, A., Alvarado, M. & Cocho, G. (2016). Team formation and selection of strategies for computer simulations of baseball gaming. [International Journal of Mathematical and Computational Methods](#), 1, 330.
- 176 Yee, A., Campiran, E. & Alvarado, M. (2016). Gaming and strategies choices to american football. [International Journal of Mathematical and Computational Methods](#), 1, 355.
- 177 Baruch, I. S., Arellano-Quintana, V. & Reynaud, E. P. (2016). Identification and control of nonlinear dynamical systems using Levenberg-Marquardt learning algorithm for recurrent complex-valued neural networks. [International Journal of Neural Networks and Advanced Applications](#), 3, 8.
- 178 Herrera-Basurto, R., Mercader-Trejo, F., Munoz-Madrigal, N., Juarez-Garcia, J. M., Rodriguez-Lopez, A. & Manzano-Ramirez, A. (2016). Method validation for chemical composition determination by electron microprobe with wavelength dispersive spectrometer. [Top Conference Series-Materials Science and Engineering](#), 138, 012003.
- 179 Cen-Puc, M., Pool, G., Aviles, F. et al. (2016). A dedicated electric oven for characterization of thermoresistive polymer nanocomposites. [Journal of Applied Research and Technology](#), 14, 268-277.
- 180 Chong-Sanchez, F., Enriquez-Diaz, M., Martinez-Morales, I. & Aldana-Aranda, D. (2016). Formulated feed for Strombus pugilis (Mollusca, Gastropoda) allowed effective gonad maturity. [Journal of Aquaculture Research & Development](#), 7, 10.

- 181 Rios-Hurtado, J. C., Muzquiz-Ramos, E. M., Zugasti-Cruz, A. & Cortes-Hernandez, D. A. (2016). Mechanosynthesis as a simple method to obtain a magnetic composite (activated carbon/Fe<sub>3</sub>O<sub>4</sub>) for hyperthermia treatment. [Journal of Biomaterials and Nanobiotechnology](#), 7, 19-28.
- 182 Segovia, J., Bautista, E. & Lara-Lozano, M. (2016). Effects of Gas1 on gliomas: a review on current preclinical studies. [Journal of Cancer Metastasis](#), 1, 101-111.
- 183 Treesatayapun, C. (2016). Discrete-time adaptive controller based on estimated pseudopartial derivative and reaching sliding condition. [Journal of Dynamic Systems, Measurement and Control](#), 138, 101002.
- Reyes-Nava, L. A., Garduno-Siciliano, L., Estrada-De los Santos, P., Hernandez-Sanchez, H., Arauz, J., Muriel, P. & Rivera-Espinoza, Y. (2016). Use of bile acids as a selection strategy for lactobacillus strains with probiotic potential. [Journal of Food and Nutritional Disorders](#), 5, 1.
- 185 Banik, S. D. (2016). Interrelationship between height and selected linear body dimensions and estimation of sex in Nepali-speaking adults from Naxalbari, Darjeeling. [Journal of Forensic Research](#), 7, 5.
- 186 Ortiz-Vazquez, I. C., Rodriguez-Mendez, L. I., Perez-Robles, J. F., Soto-Zarazua, G., Rico-Garcia, E. & De la Torre-Gea, G. A. (2016). Analysis of large commercial greenhouses in warm climates using Cfd and bayesian networks. [Journal of Global Ecology and Environment](#), 5(2), 91-96.
- 187 Torres-Arteaga, I., Castro-Guillen, J. L., Mendiola-Olaya, E. et al. (2016). Characterization of two non-fetuin -binding lectins from terphy bean (*Phaseolus acutifolius*) seeds with differential cytotoxicity on colon cancer cells. [Journal of Glycobiology](#), 5, 1.
- 188 Huerta-Aguilar, I., Molina-Torres, J., Garnia-Romo, M. G. & Yahuaca-Juarez, B. (2016). Total polyphenols and antioxidant activity of *Ganoderma curtisii* extracts. [Journal of Medicinal Plants Studies](#), 4(4), 136-141.
- 189 Ruiz-Serrano, D. & Ramirez-Bon, R. (2016). Cd sorption from aqueous solutions by natural clinoptilolite and its modified forms clinoptilolite-Na and clinoptilolite-NH4. [Journal of Mineral Metal and Material Engineering](#), 2, 23-29.
- 190 Mariana Cerda Z., J. A. A.-B. C. V. L. R. F.-S. B. E. Z.-L. J. R. F. J. I. G. G. E. (2016). Nuclear Tracks Morphology Study Using Raman Methodology. [Journal of Nuclear Physics-Material Sciences, Radiation and Applications](#), 4(1), 241-250.
- 191 Monarca-Serrano, J. A., Cirilo, M. J., Vazquez-Lopez, B. E., Zendejas-Leal, J. I. & Espinosa, G. (2016). Emanation study of gas radon on the ancient cuexcomate geyser in puebla city, mexico. [Journal of Nuclear Physics-Material Sciences, Radiation and Applications](#), 4(1), 277-284.
- 192 Cruz, R., Ramirez, C., Rojas, O. I., Casas-Mejia, O., Kouri, J. B. & Vega-Lopez, M. A. (2016). The pig as an osteoarthritis translational research model. [Journal of Osteoarthritis](#), 1, 1.

- 193 Aranda, J. I., Cortes-Maldonado, I., Ramirez-Zavaleta, F. & Tututi, E. S. (2016). A calculation of the  $ZH \rightarrow \gamma H$  decay in the littlest Higgs model. [Journal of Physics Conference Series](#), 761, 012089.
- 194 Bermudez, D. (2016). Propagation of ultra-short higher-order solitons in a photonic crystal fiber. [Journal of Physics Conference Series](#), 698, 012017.
- 195 Blanco-Garcia, Z. & Rosas-Ortiz, O. (2016). Interaction-free measurements of optical semitransparent objects. [Journal of Physics Conference Series](#), 698, 012013.
- 196 Canas, B. C., Miranda, O. G., Parada, A., Tortola, M. & Valle, J. W. F. (2016). New limits on neutrino magnetic moments from low energy neutrino data. [Journal of Physics Conference Series](#), 761, 012043.
- 197 Castillo-Celeita, M. & Fernandez, D. J. (2016). First-order polynomial Heisenberg algebras and coherent states. [Journal of Physics Conference Series](#), 698, 012007.
- 198 Cervantes, D. & Morales-Luna, G. (2016). Quregisters symmetry groups and Clifford algebras. [Journal of Physics Conference Series](#), 698, 012020.
- 199 Chamorro-Solano, S., Moyotl, A. & Perez, M. A. (2016). The decay  $h \rightarrow \mu\tau$  in the littlest Higgs model with T-parity. [Journal of Physics Conference Series](#), 761, 012051.
- 200 Courtoy, A. (2016). Phenomenology of dihadron fragmentation function. [Journal of Physics Conference Series](#), 761, 012068.
- 201 Cruz y Cruz, S. & Mielnik, B. (2016). Non-inertial quantization: truth or illusion? [Journal of Physics Conference Series](#), 698, 012002.
- 202 D'Olivo, J. C., Napsuciale, M. & Perez-Angon, M. A. (2016). Mexican high energy physics network. [Journal of Physics Conference Series](#), 761, 012001.
- 203 Enriquez, M. (2016). On the eigenvalue problem in multipartite quantum systems. [Journal of Physics Conference Series](#), 698, 012021.
- 204 Enriquez, M., Wintrowicz, I. & Zyczkowski, K. (2016). Maximally entangled multipartite states: a brief survey. [Journal of Physics Conference Series](#), 698, 012003.
- 205 Estrada-Delgado, M. I. & Fernandez, D. J. (2016). Painleve IV solutions from Hamiltonians with equidistant gapped spectrum. [Journal of Physics Conference Series](#), 698, 012027.
- 206 Flores, L. J. & Miranda, O. G. (2016). Matter neutrino oscillations, an approximation in a parametrization-free framework. [Journal of Physics Conference Series](#), 761, 012041.
- 207 Gonzalez-Canales, F. (2016). The remnant  $C_p$  transformation and its implications. [Journal of Physics Conference Series](#), 761, 012046.

208 Granados-Ramirez, C. G., Benitez-Cardoza, C. G. & Carballo-Tinoco, M. D. (2016). Can we describe biological systems with quantum mechanics? [Journal of Physics Conference Series](#), 698, 012009.

209 Guevara, A. (2016). Hadronic light-by-light contribution to the muon g-2. [Journal of Physics Conference Series](#), 761, 012009.

210 Gutierrez-Santiago, J. L. (2016). Study of the semileptonic  $\tau^- \rightarrow \pi^-\pi^0 V(\tau)$  and  $\tau^- \rightarrow \pi^-\pi^0 l^+l^- v(\tau)$  ( $L=\epsilon$ ,  $\mu$ ) decays. [Journal of Physics Conference Series](#), 761, 012059.

211 Heredia-De la Cruz, I. (2016). The Belle II experiment: fundamental physics at the flavor frontier. [Journal of Physics Conference Series](#), 761, 012017.

212 Hernandez-Villanueva, M. (2016). Bs lifetime measurement in the Cp-odd channel  $B(s)(0) \rightarrow J/\psi f(0)$  by the D0 experiment. [Journal of Physics Conference Series](#), 761, 012019.

213 Jaimes-Najera, A. (2016). Transmission and reflection of wave packets by asymmetric semi-harmonic potential barriers. [Journal of Physics Conference Series](#), 698, 012030.

214 Martinez-Huerta, H. & Perez-Lorenzana, A. (2016). Vacuum Cherenkov radiation and photon decay rates from generic Lorentz invariance violation. [Journal of Physics Conference Series](#), 761, 012035.

215 Moyotl, A., Chamorro, S. & Perez, M. A. (2016). One-loop radiative corrections to the trilinear Higgs self-coupling. [Journal of Physics Conference Series](#), 761, 012008.

216 Murillo-Quijada, J. A. (2016). Top quark properties measurements with the Atlas experiment. [Journal of Physics Conference Series](#), 761, 012069.

217 Quintana, C. (2016). Additional quantum properties of entangled bipartite qubit systems coupled to photon baths. [Journal of Physics Conference Series](#), 698, 012022.

218 Rivera-Agudelo, D. C. & Perez-Lorenzana, A. (2016). Cp violating in  $\mu \rightarrow \tau$  symmetric models. [Journal of Physics Conference Series](#), 761, 012044.

219 Roig, P. (2016). Towards the (mexican) discovery of second class currents at Belle-II. [Journal of Physics Conference Series](#), 761, 012067.

220 Romero-Osnaya, A. (2016). Geometry of the quantum states of light in a Mach-Zehnder interferometer. [Journal of Physics Conference Series](#), 698, 012014.

221 Tostado, S. L. (2016). Electromagnetic corrections to  $B(-) \rightarrow V0$  semileptonic transitions. [Journal of Physics Conference Series](#), 761, 012020.

222 Tostado, S. L. (2016). Long distance electromagnetic contribution to  $B(+)(-) \rightarrow (K(+)(-), \pi^*(-))l^+l^-$  rare processes. [Journal of Physics Conference Series](#), 761, 012072.

- 223 Valenzuela-Soto, J. H., Alvarez-Mejia, C., Rodriguez-Rios, D., Hernandez-Guzman, G., Medina-Ramirez, M. & Marsch, R. (2016). Physical map of chromosome of the phytopathogenic *Pseudomonas syringae* pv. *maculicola* M2. [Journal of Pure and Applied Microbiology](#), 10(1), 23-32.
- 224 De la Torre-Gea, G. A., Ortiz-Vazquez, I., Rico-Garcia, E., Guevara-Gonzalez, R., Morales-Vazquez, K. A., Rodriguez-Mendez, L. I., Fernandez-Lozoya, R. & Perez-Robles, J. F. (2016). Bayesian analysis of a Cfd model to the absorption of ammonium concentrations in zeolite. [Journal of Scientific and Engineering Research](#), 3(4), 258-266.
- 225 Flores-Tlalpa, A., Lopez-Castro, G. & Roig, P. (2016). L → II 'I' nu I nu L in the SM and beyond. [Journal of University of Science and Technology of China](#), 46(5), 392-397.
- 226 De la Torre-Vldovinos, B., Duenas-Jimenez, J. M., Jimenez-Estrada, I., Banuelos-Pineda, J., Franco-Rodriguez, N. E., Lopez-Ruiz, J. R., Osuna-Carrasco, L. P., Candanedo-Arellano, A. & Duenas-Jimenez, S. H. (2016). Tamoxifen promotes axonal preservation and gait locomotion recovery after spinal cord injury in cats. [Journal of Veterinary Medicine](#), 2016, 9561968.
- 227 Rodriguez-Bucio, J. L., Reyes-Araiza, J. L., Alonso-Guzman, E. M., Manzano-Ramirez, A., Ramirez-Jimenez, R., Martinez-Molina, W., Cobreros-Rodriguez, C. & Perez-Rea, L. (2016). Study on the puzzolanic effect of sugarcane bagasse ash from Taretan, Michoacan, Michoacan, Mexico, on a portland cement mortar. [Key Engineering Materials](#), 668, 367-374.
- 228 Villalon, M., Vega, H., Montoya, N., Rubio, B., Hernandez, J., Mendoza, O., Salas-Zuniga, R., Reyes-Zamora, U., Radillo, R., Reyes-Araiza, J. L. & Manzano-Ramirez, A. (2016). Comparative study on the effect that coirs fibers have on the dynamic or quasi-static elastic moduli of glass fiber laminates obtained by the vacuum bag technique. [Key Engineering Materials](#), 668, 137-144.
- 229 Tellez-Giron, J. & Alvarado, M. (2016). Concurrency Simulation in Soccer. [Lecture Notes in Artificial Intelligence](#), 9979, 961-970.
- 230 Aldana-Bobadilla, E. & Molina-Villegas, A. (2016). A Novel Multivariate Mapping Method for Analyzing High-Dimensional Numerical Datasets. [Lecture Notes in Computer Science](#), 9728, 311-319.
- 231 Oliveira, T., Lopez, J. & Rodriguez-Henriquez, F. (2016). Software Implementation of Koblitz Curves Over Quadratic Fields. [Lecture Notes in Computer Science](#), 9813, 259-279.
- 232 Picek, S., Coello-Coello, C. A., Jakobovic, D. & Mentens, N. (2016). Evolutionary algorithms for finding short addition chains: going the distance. [Lecture Notes in Computer Science](#), 9595, 121-137.
- 233 Rudolph, G., Schutze, O. & Trautmann, H. (2016). On the closest average Hausdorff archive for a circularly convex Pareto front. [Lecture Notes in Computer Science](#), 9598, 42-55.
- 234 Zangiabady, M. & Rubio-Loyola, J. (2016). Towards a Qos-Oriented Migration Management Approach for Virtualized Networks. [Lecture Notes in Computer Science](#), 9701, 57-61.

235 Ferreiro, E. (2016). Ides infantiles sobre autor, personajes y narrador. [Llengua, Societat i Comunicació](#), 14, 47-56.

236 Banik, S. D., Das, S. & Bhattacharjee, P. (2016). Body adiposity index in relation to body mass index and central adiposity measures in preschool children from Purulia, west Bengal, India. [Malaysian Journal of Nutrition](#), 22(3), 345-350.

237 Panti-May, J. A., Hernandez-Betancourt, S. F., Torres-Castro, M. A., Machain-Williams, C., Cigarroa-Toledo, N., Soda, L., Lopez-Manzano, G., Meza-Sulu, J. R. & Vidal-Martinez, V. M. (2016). Population characteristics of human-commensal rodents present in households from Merida, Yucatan, Mexico. [Manter-Journal of Parasite Biodiversity](#), 5.

238 Ramirez-Torres, J. G. & Larranaga-Cepeda, A. (2016). Real-time reconstruction of heightmaps from images taken with an Uav. [Mechanisms and Machine Science](#), 37, 221-.

239 Soto-Guerrero, D. & Ramirez-Torres, J. G. (2016). A human-machine interface with unmanned aerial vehicles. [Mechanisms and Machine Science](#), 37, 233-.

240 Nakamura, T., Koga, H., Iwamoto, H. et al. (2016). Ex vivo expansion of circulating Cd34+ cells enhances the regenerative effect on rat liver cirrhosis. [Methods & Clinical Development](#), 3, 16025.

241 Lara-Valderrabano, L., Banuelos-Cabrera, I., Navarrete-Modesto, V. & Rocha, L. (2016). Human brain tissue as a model for the study of epilepsy. [Methods in Pharmacology and Toxicology](#), P203-219.

242 Marelli, A., Czornyj, L., Rocha, L. & Lazarowski, A. (2016). Erythropoietin as potential neuroprotective and antiepileptogenic agent in epilepsy and refractory epilepsy. [Methods in Pharmacology and Toxicology](#), P147-162.

243 Valle-Dorado, M. G., Cordova-Davalos, L. E., Perez-Perez, D., Guevara-Guzman, R. & Rocha, L. (2016). The use on anti-inflammatory drugs in epilepsy. [Methods in Pharmacology and Toxicology](#), P23-36.

244 Zavala-Tecuapetla, C. & Rocha, L. (2016). Do cannabinoids represent a good therapeutic strategy for epilepsy? [Methods in Pharmacology and Toxicology](#), P83-96.

245 Becerra, A. & Delaye, L. (2016). The universal ancestor: an unfinished reconstruction. [Metode Science Studies Journal](#), 6, 145-149.

246 Baruch, I. S., Barrera-Cortes, J. & Mariaca-Gaspar, C. R. (2016). Application of Kalman filter recurrent neural network for identification and control of hydrocarbon biodegradation bioprocess. [Modern Environmental Science and Engineering](#), 2(5), 294-301.

247 Herrera-Rivera, R., Pineda, A. M., Olvera, L. M. & Maldonado, A. (2016). Sensing properties of pellets based on mesoporous structures of ZnO. [MRS Advances](#), 1(21), 1545-1551.

248 Ramirez-Ceja, D., Gonzalez, L. A., Escoria-Garcia, J. & Martinez-Enriquez, A. I. (2016). Characterization of Pbs thin films by chemical bath at low temperature using sodium citrate as complexing agent. *MRS Advances*, 1(37), 2623-2628.

249 Rojano-Molina, M. G., Dominguez-Diaz, M., Martinez-Valencia, H., Escoria-Garcia, J. & Balderas-Valadez, R. F. (2016). The hydrophilic to superhydrophilic change induced by polyhydroxybutyrate in polyethylene glycol:polyhydroxybutyrate electrospun samples by plasma treatment. *MRS Advances*, 1(29), 2125-2131.

250 Soto, J. R., Molina, B. & Castro, J. J. (2016). Strong Pseudo Jahn-Teller Effect on the Single Hexagonal Unit of Germanene. *MRS Advances*, 1(22), 1591-1596.

251 Leal-Cruz, A. L., Perez-Aguirre, A., Melendrez-Amavizca, R., Vera-Marquina, A., Barboza-Flores, M., Pech-Canul, M. I., Hernandez-Torres, J., Dominguez-Chavez, J. G. & Martinez-Castillo, J. (2016). Hysycvd synthesis of 1d nanostructures of TiO<sub>2</sub>. *Nanoscience and Nanotechnology*, 6(1A), 62-64.

252 Roig, P., Guevara, A. & Castro, G. L. (2016). Lightest Pseudoscalar Exchange Contribution to Light-by-Light Scattering Piece of the Muon G-2. *Nuclear and Particle Physics Proceedings*, 273, 2702-2704.

253 Cervantes, D., Fioresi, R., Lledo, M. A. & Nadal, F. A. (2016). Quantum twistors. *P-Adic Numbers Ultrametric Analysis and Applications*, 8(1), 2-30.

254 Cruz-Lopez, M. & Estala-Arias, S. (2016). Invariant ultrametrics and Markov processes on the finite Adele ring of Q. *P-Adic Numbers Ultrametric Analysis and Applications*, 8(2), 89-114.

255 Rzedowski-Calderon, M. & Villa-Salvador, G. (2016). Congruence function fields with class number one. *Palestine Journal of Mathematics*, 5(1), 159-165.

256 Malaga-Villegas, S. G. (2016). Educacion comparada internacional y nacional. *Perfiles Educativos*, 38(152), 220-.

257 Herrera-Pola, P. S., Xoconostle-Cazares, B., Toscano-Morales, R. & Ruiz-Medrano, R. (2016). Characterization of a pumpkin mRNA encoding a cyclin-dependent protein kinase (Ddk) potentially involved in phloem development. *Plant Omics Journal*, 9(3), 213-219.

258 Ruiz-Salas, J. L., Ruiz-Medrano, R., Montes-Horasitas, M. C., Agreda-Laguna, K. A., Hinojosa-Moya, J. & Xoconostle-Cazares, B. (2016). Vascular expression of trehalose phosphate synthase1 (Tps1) induces flowering in Arabidopsis. *Plant Omics Journal*, 9(5), 344-351.

259 Ludecke, H. J., Weiss, C. O., Zhao, X. & Feng, X. (2016). Centennial cycles observed in temperature data from antarctica to central Europe. *Polarforschung*, 85(2), 179-181.

260 Buenfil, R. (2016). Theoretical and political resources: between analysis and judgment. *Practicing Anthropology*, 38(1), 12-13.

261 Davila-Nicanor, L., Benhumea-Pena, A., Gonzalez-Moran, C. O. & Mejia-Alvarez, P. (2016). Functional tester runner tool. *Research in Computing Science*, 109, 69-79.

- 262 Tellez-Giron, J. & Alvarado, M. (2016). Modeling and formal analysis of football plays. [Research in Computing Science](#), 113, 147-156.
- 263 Cabrera-Madrid, J. A., Escalante-Garcia, J. I. & Castro-Borges, P. (2016). Reistencia a la compresion de concretos con escoria de alto horno: estado del arte revisitado. [Revista Alconpat](#), 6(1), 64-83.
- 264 Gallardo, M., Almanza, J. M., Cortes, D. A. & Escobedo, J. C. (2016). Mechanical and chemical behavior of calcium sulfoaluminate cements obtained from industrial waste. [Revista Alconpat](#), 6(1), 15-27.
- 265 Lara-Rico, R., Rodriguez-Sanchez, R., Cruz-Ortiz, B., Cortes-Hernandez, D., Lopez-Badillo, C. & Muzquiz-Ramos, E. (2016). Sintesis del composito TiO<sub>2</sub>-CaSiO<sub>3</sub> mediante molienda de alta energia. [Revista Ciblyt](#), 11(32), 291-294.
- 266 Cantillo-Negrete, J., Carino-Escobar, R. I., Carrillo-Mora, P., Flores-Rodriguez, T. B., Elias-Vinas, D. & Gutierrez-Martinez, J. (2016). Gender differences in quantitative electroencephalogram during a simple hand movement task in young adults. [Revista De Investigacion Clinica](#), 68, 245-255.
- 267 Mendez-Ochaita, M. F. & Remedi-Allione, E. (2016). The origins of a Benemerita Universidd Autonoma de Puebla (Buap) research group: a 'beachhead' configuration. [Revista De La Educacion Superior](#), 45(180), 89-107.
- 268 Ramirez-Ramirez, L. N. & Saucedo-Ramos, C. L. (2016). Learning to be a psychologist: identity transitions in the university classroom. [Revista De La Educacion Superior](#), 45(179), 41-53.
- 269 Quiroz-Gonzalez, S., Torres-Castillo, S., Lopez-Gomez, R. E., Garcia-Piceno, Y., Lopez-Espinosa, E., Sanchez-Abedo, R. & Jimenez-Estrada, I. (2016). La acupuntura desde la perspectiva experimental. [Revista Digital Universitaria](#), 17(3), 1-20.
- 270 Weiss, E. (2016). Adapting an innovation: the orientation and tutorial hour in junior high schools. [Revista Electronica De Investigacion Educativa](#), 18(2).
- 271 Hernandez-Rosete, D. & Maya, O. (2016). Language discrimination and indigenous school counterculture in Mexico City. [Revista Latinoamericana De Ciencias Sociales, Ninez y Juventud](#), 14(2), 1161-1176.
- 272 Alcantara-Martinez, E., Rios-Leal, E., Cerda-Garcia Rojas, C. M. & Barrera-Cortes, J. (2016). Evaluation of two yeast surfactants for its application in micro-emulsion formulation. [Revista Mexicana De Agroecosistemas](#), 3(2), 211-219.
- 273 Gallegos-Hernandez, V. E., Navarro-Estrada, E., Morales-Becerra, E. D., Zarate-Segura, P. B. & Barrera-Cortes, J. (2016). Permanence determination of strains inoculated in a soil for its bioremediation by bioaugmentation: Dgge analysis. [Revista Mexicana De Agroecosistemas](#), 3(2), 203-210.

- 274 Mancera-Lopez, M., Izquierdo-Estevez, W. F., Rios-Leal, E. & Barrera-Cortes, J. (2016). Evaluation of the capacity of encapsulated Trichoderma harzianum conidia for its propagation in an airlift reactor. [Revista Mexicana De Agroecosistemas](#), 3(2), 195-202.
- 275 Saravia-Castillo, C. R. & Fernandez-Luqueno, F. (2016). Effect of nanoparticles on rhizobia-legume symbiosis and morphology of Phaseolus vulgaris L. [Revista Mexicana De Agroecosistemas](#), 3(2), 122-132.
- 276 Morales-Diaz, A. B., Juarez-Maldonado, A., Morelos-Moreno, A. & Benavides-Mendoza, A. (2016). Biomanufacturing of metal nanoparticles using plant cells or plant extracts. [Revista Mexicana De Ciencias Agricolas](#), 7(5), 1211-1224.
- 277 Blancas-Hernandez, J. L. & Guerra-Ramos, M. T. (2016). Trabajo por proyectos en el aula de ciencias de secundaria: tensiones curriculares y resoluciones docentes. [Revista Mexicana De Investigaciones Educativas](#), 21(68), 141-168.
- 278 Gulias-Canizo, R. & Castro-Munozledo, F. (2016). Myths and realities of the use of stem cells in ophthalmology therapy. [Revista Mexicana De Oftalmologia](#), 90(6), 284-294.
- 279 De Ibarrola, M. (2016). Lights and shadows in the relationships between schooling and work: configurations and limits. [Revista Paginas De Educacion](#), 9(2).
- 280 Das, S., Ghritlahre, M., Singh, H. S., Banik, S. D. & Bose, K. (2016). Selected socio-demographic correlates of nutritional status among Bhaina tribal female children and women of Pendra block, Chhattisgarh. [South Asian Anthropologist](#), 16(1), 19-26.
- 281 Mendoza-Barrera, C., Martinez-Ortigoza, G. E., Altuzar, V., Tinooco-Magana, J. C., Saucedo-Carvajal, A., Melendez-Lira, M. A. & Munoz-Aguirre, S. (2016). Structural characterization of protein microsensors arrays by means of optical profilometry and Afm. [Superficies y Vacio](#), 29(2), 43-48.
- 282 Mendoza-Madrigal, A. J., Mata-Salazar, J. H., Luna-Barcenas, G., Ramirez-Bon, R., Espinoza-Beltran, F. J. & Mendez-Mendez, J. V. (2016). X-ray photoelectron spectroscopy characterization of self-assembled monolayers for micromechanical biosensing applications. [Superficies y Vacio](#), 29(3), 87.
- 283 Pulzara-Mora, A., Montes-Monsalve, J., Bernal-Corre, R., Morales-Acevedo, A., Gallardo-Hernandez, S. & Lopez-Lopez, M. (2016). Structural, optical and morphological properties of In<sub>x</sub>Ga<sub>1-x</sub>As layers obtained by Rf magnetron sputtering. [Superficies y Vacio](#), 29(3), 32-37.
- 284 Luna-Ochoa, S. M. A., Robles-Belmont, E. & Suaste-Gomez, E. (2016). A profile of Mexico's technological agglomerations: the case of the aerospace and nanotechnology industry in Queretaro and Monterrey. [Technology in Society](#), 46, 120-125.
- 285 Makhniy, V. P. V. Y. V. S. V. M. & G.-H. J. (2016). Improvement in optical band gap determination for cadmium telluride and related compounds. [Telecommunications and Radio Engineering](#), 75(15), 1369-1376.

286 De Ibarrola, M. (2016). Dilemas de futuro para la educacion y la formacion tecnico profesional en America Latina: contribucion al debate. [Tendencias En Foco](#), (33), 1.

287 Herrera-Silveira, J. A., Camacho-Rico, A., Pech, E., Pech, M., Ramirez-Ramirez, J. & Teutli-Hernandez, C. (2016). Carbon dynamics (stocks and fluxes) in mangroves of Mexico. [Terra Latinoamericana](#), (34), 61-72.

288 Montano, N. M., Ayala, F., Bullock, S. H. et al. (2016). Carbon stocks and fluxes in arid and semiarid ecosystems of Mexico: synthesis and prospects. [Terra Latinoamericana](#), (34), 39-59.

289 Colli-Dula, R. C., Friedman, M. A. & Hansen, B. (2016). Transcriptomics analysis and hormonal changes of male and female neonatal rats treated chronically with a low dose of acrylamide in their drinking water. [Toxicology Reports](#), 3, 414-426.

290 Pech-Canul, M. I. & Kongoli, F. (2016). The Modified Central Paradigm of Materials Science and Engineering in the Extraction and Development of New and Recycled Materials. [Transactions of the Institutions of Mining and Metallurgy Section C-Mineral Processing and Extractive Metallurgy](#), 125(4), 238-241.

291 Konno, T., Hirata, C., Martins-Ferreira, E. H. et al. (2016). Precise Raman measurements of C60 fullerene nanowhiskers synthesized using the liquid-liquid interfacial precipitation method. [Transactions of the Materials Research Society of Japan](#), 41, 289-295.

292 Torres-Vega, G., Godina-Nava, J. J. & Lopez-Sandoval, E. (2016). Dynamics of radial pairs affected by a constant magnetic field. [Transactions on Mathematics](#), 2(3), 1-27.

293 Fernandez, C. D. J. (2016). Painleve Equations and Supersymmetric Quantum Mechanics. [Trends in Mathematics](#), 4961, 213-231.

294 Mielnik, B. (2016). Science and Its Constraints (an Unfinished Story). [Trends in Mathematics](#), 4961, 387-396.

295 Maldonado-Maldonado, A. (2016). Perdida de poder adquisitivo y limitada competitividad internacional: indicios sobre los salarios de academicos mexicanos a partir de una comparacion internacional. [Universia](#), 7(20), 3.

296 Didou-Aupetit, S. (2016). Geopolitica de la internacionalizacion universitaria: asignaturas pendientes. [Universidades Udual](#), (69), 4-7.

297 Carrion-Miranda, V., Pluvinage, F. & Adjiage, R. (2016). Facilitating the genesis of functional working spaces in guided explorations. [Zdm Mathematics Education](#), 48, 809-826.

298 Santos-Trigo, M., Moreno-Armella, L. & Camacho-Machin, M. (2016). Problem solving and the use of digital technologies within the mathematical working space framework. [Zdm Mathematics Education](#), 48, 827-842.

## **[ARTÍCULOS C] – ARTÍCULOS EN REVISTAS DE DIVULGACIÓN CIENTÍFICA Y/O TECNOLÓGICA**

299 Lopez-Martinez, A., Bolio-Lopez, G. I., Veleva, L., Acosta-Tejada, G., Hernandez-Villegas, M. M., Salgado-Garcia, S. & Cordova-Sanchez, S. (2016). Obtaining cellulose from sugar cane (*Saccharum* spp.) pulp. [Agroproductividad](#), 9(7), 41-45.

300 De Vizcaya-Ruiz, A. & Aztatzi, G. (2016). Toxicologia en particulas: con el viento en contra. Avance y Perspectiva, 2(1), 12-15.

301 Cuevas-Vallejo, C. A. & Delgado-Pineda, M. (2016). Por que el concepto de funcion genera dificultad en el estudiante? [Calculo y Su Ensenanza](#), 7, 108.

302 Pluvinage, F. (2016). Tres temas de debates científicos en el calculo. [Calculo y Su Ensenanza](#), 7, 86.

303 Lopez-Fuerte, F. O., Lora-Vilchis, M. C., Veleva, L., Siqueiros-Beltrones, D. A., Arredondo-Vega, B. O. & Virgen-Felix, M. (2016). First records of Nanofrustulum shiloi (Lee, Reimer & McEnery) round, Hallsteinsen & Paasche and nitzschia nienhuisii Sterrenburg & Sterrenburg (Bacillariophyceae; Ochrophyta) in mexican waters. [Cicimar Oceanides](#), 31(1), 35-41.

304 Valerio-Rodriguez, M. F., Fernandez-Luqueno, F. & Lopez-Valdez, F. (2016). Nanoparticulas en el medio ambiente. Ciencia y Desarrollo, 42(281), 66-70.

305 Fung-Boix, Y., Molina-Torres, J., Ramirez-Chavez, E., Gomez-Luna, L., Quinones-Galvez, J., Ferrer-Dubois, A., Isaac-Aleman, E. & Cuypers, A. (2016). Qualitative evaluation of monoterpenes in Rosmarinus officinalis cultivated with magnetically treatment water. [Cultivos Tropicales](#), 37(NE), 136-141.

306 Munoz-Arroyo, R., Hernandez-Garcia, H. M., Escobedo-Bocardo, J. C., Acevedo-Davila, J. L. & Garza-Gomez, A. (2016). Magnesium removal from molten aluminum alloys injecting zeolite and cenospheres. [Ingenieria, Investigacion y Tecnologia](#), 17(4), 491-497.

307 Hernandez-Estrada, M., Garcia-Gil de Munoz, F. L., Cazares-Raga, F. E. & Fernandez-Hernandez, F. C. (2016). Analisis del efecto de prostaglandinas sobre la expresion de la dihidrodiol deshidrogenasa (Ddh) en el mosquito Aedes aegypti. Investigacion Universitaria Multidisciplinaria, (14), 71-77.

308 Cantoral R. & Reyes-Gasperini, D. (2016). Funcionalidad de los algoritmos en el desarrollo del pensamiento matematico. Novedades Educativas, 28(305), 328-353.

309 Mercadillo-Caballero, R. E. & Cervera-Montejano, M. D. (2016). Compassionate and cooperative attitudes in Yucatec Mayan people: cultural and cognitive alternatives to violence. [Quicio, Revista De Psicología](#), 1, 33.

310 Reyes-Gasperini, D. & Cantoral, R. (2016). Empoderamiento docente: la practica docente mas alla de la didactica... que papel juega el saber en una transformacion educativa? [Revista De La Escuela De Ciencias De La Educacion](#), (11), 155.

311 Real-De Leon, E., Granados-Puerto, S. & Valdes-Lozano, D. S. (2016). Registro de bajos niveles de oxigeno disuelto en la costa de Yucatan, Mexico. [Revista Digital E-Bios](#), (4), 46.

312 Santana-Cisneros, M., Tuz-Sulub, A. & Velazquez-Abunader, J. I. (2016). Eficiencia de casitas cubanas para langosta espinosa *Panulirus argus* (Latreille, 1804) en el Parque Nacional Arrecife Alacranes, Yucatan. [Revista Digital E-Bios](#), (4), 56.

313 Castaneda-Olvera, J. D. R. & Zayago-Lau, E. (2016). Nanotecnologia aplicada al tratamiento de agua en Mexico. [Revista Electronica Humanidades, Tecnologia y Ciencia](#), (14), 1.

314 Zarate-Toledo, E. & Fraga, J. (2016). La politica eolica mexicana: controversias sociales y ambientales debido a su implantacion territorial. Estudios de caso en Oaxaca y Yucatan. [Trace](#), (69), 65-95.

**[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES**

315 Padilla-Viveros, A. A. (2016). Going 'nano' on Parkinson's in Mexico. [Biopharma Dealmakers](#), june, B7.

316 Saleh, A., Alvarez-Venegas, R., Liu, N. & Avramova, Z. (2016). Corrigendum to "Dynamic and stable histone H3 methylation patterns at the *Arabidopsis Flc* and *Ap1* loci" [Gene. 2008 Oct. 15; 423(1):43-47]. [Gene](#), 585, 266.

317 Perez-Leanos, A., Rovito, S. & Markow, T. A. (2016). *Hyla eximia* (mountain tree frog). Habitat. [Herpetological Review](#), 47(1), 109.

318 Garcia-Sierra, F. (2016). Commentary on ubiquitin is associated with early truncation of tau protein at aspartic acid421 during the maturation of neurofibrillary tangles in alzheimer disease. [Journal of Medical & Surgical Pathology](#), 1, 3.

319 Saleh, A., Alvarez-Venegas, R., Yilmaz, M. et al. (2016). Correction [to] "The highly similar *Arabidopsis* homologos of trithorax Atx1 and Atx2 encode proteins with divergent biochemical functions (2015). *Plant Cell* 20:568-579". [Plant Cell](#), 28, 265.

320 Calderon-Salinas, J. V. & Quintanar-Escorza, M. A. (2016). La contaminacion por plomo: un viejo problema de actualidad. [Revista De Educacion Bioquimica](#), 35(1).

321 Camacho-Carranza, R. & Calderon-Salinas, J. V. (2016). Caza recompensas: vigilantes de la etica cientifica? [Revista De Educacion Bioquimica](#), 35(2).

322 Cosio-Vital, R. N., Cruz-Cortes, C. & Calderon-Salinas, J. V. (2016). Los problemas en los estudios de los efectos beneficos de los antioxidantes en el tratamiento de enfermedades. [Revista De Educacion Bioquimica](#), 35(3).

323 Guerrero-Medrano, L., Maldonado-Vega, M. & Calderon-Salinas, J. V. (2016). La paradoja del uso de antioxidantes durante el tratamiento contra el cancer: proteger al organismo de los efecto

toxicos de los antineoplasticos disminuiria la eficacia farmacologica para evitar el desarrollo del cancer? Revista De Educacion Bioquimica, 35(4).

324 Cantoral, R. (2016). Scientific publication and some emerging phenomena. [Revista Latinoamericana De Investigacion En Matematica Educativa-Relime](#), 19(3), 251-254.

325 Roldan-Vera, E. (2016). Editorial. [Revista Mexicana De Historia De La Educacion](#), 4(7), i-iv.

326 Roldan-Vera, E. (2016). Editorial. [Revista Mexicana De Historia De La Educacion](#), 4(8), i-iii.

327 Fahlgren, N., Bart, R., Herrera-Estrella, L., Rellan-Alvarez, R., Chitwood, D. H. & Dinneny, J. R. (2016). Plant scientists: Gm technology is safe. [Science](#), 351(6275), 824.

### **[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS**

328 Minjarez, B. D., Rodriguez-Yanez, Y., Haramati, J., Luna-Arias, J. P. & Rincon-Limas, D. E. (2016). Supression of different genes by Irna in a Drosophila model and their possible relation to the pathology of alzheimer's disease: bottom-up proteomics of alzheimer's disease brains and validation in Drosophila models. [Alzheimer's & Dementia](#), 12(7S), P681.

329 Elvira-Chavez, F., Pedroza-Escobar, D., Lopez-Garcia, S. et al. (2016). Metabolic Syndrome and Tuberculosis: Is There a Link? [American Journal of Respiratory and Critical Care Medicine](#), 193.

330 Falcon-Rodriguez, C. I., Osornio-Vargas, A., De Vizcaya-Ruiz, A., Rosas-Perez, I. & Segura-Medina, P. (2016). Inhalation of Fine Particles From Mexico City Produce Fatal Asthma in a Guinea Pig Model of Allergic Airways Inflammation. [American Journal of Respiratory and Critical Care Medicine](#), 193.

331 Garcia-Alonso, L. I., Falcon-Rodriguez, C. I., Osornio-Vargas, A., Manzano-Leon, N., Rosas-Perez, I., De Vizcaya-Ruiz, A. & Segura-Medina, P. (2016). Immunologic Effect of Ozone and Pm2.5 From Mexico City in a Guinea Pig Asthma Model. [American Journal of Respiratory and Critical Care Medicine](#), 193.

332 Citalan-Madrid, A., Garcia-Ponce, A., Vargas-Robles, H., Betanzos, A., Nava, P., Rottner, K., Mennigen, R. & Schoor, M. (2016). Cortactin is required to maintain intestinal epithelial barrier homeostasis. [Faseb Journal](#), 30(1), 305.8.

333 Xu, X., Mendez, M. A., Gonzalez-Horta, C. et al. (2016). Arsenic exposure and impaired glucose homeostasis adequate vs elevated folate intake. [Faseb Journal](#), 30(1), 1b262.

334 Quintanilla-Mena, M. A., Quiroz-Mendez, A. & Zapata-Perez, O. (2016). Antioxidative, endocrine and detoxification gene expression and epigenetic changes of mexican shoal flounder (*Syacium gunteri*) from the Gulf of Mexico. [Toxicology Letters](#), 259, S101.

**[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS**

335 Saldivar, B., Mondie, S., Niculescu, S. I., Mounier, H. & Boussaada, I. (2016). A Control Oriented Guided Tour in Oilwell Drilling Vibration Modeling. [Annual Reviews in Control](#), 42, 100-113.

336 Heil, M. (2016). Host manipulation by parasites: cases, patterns and remaining doubts. [Frontiers in Ecology and Evolution](#), 4, 80.

337 Levy, R. A., Guzman, R., Castaneda-Hernandez, G., Martinez-Vazquez, M., Damian, G. & Cara, C. (2016). Biology of anti-TNF agents in immune-mediated inflammatory diseases: therapeutic implications. [Immunotherapy](#), 8(12), 1427-1436.

338 Flores, G. & Morales-Medina, J. C. (2016). Role of the prefrontal cortex in the neonatal ventral hippocampus lesion, an animal model of schizophrenia. [Journal of Neurology Neuromedicine](#), 1(3), 35-39.

339 Valladares-Mendez, A., Garcia-Flores, M., Navarrete-Vazquez, G., Orozco-Castellanos, L. M., Hernandez-Nunez, E. & Rivera-Leya, J. C. (2016). Physicochemical characterization of two new nitazoxanide analogs with antiparasitic activity. [Medicinal Chemistry Research](#), 26, 9-18.

340 Bozgeyik, E., Bayraktar, E., Chavez-Reyes, A. & Rodriguez-Aguayo, C. (2016). OncoLncs: long non-coding RNAs with oncogenic functions. [Molecular Biology](#), 5, 3.

341 Vargas-Caporali, J. & Juaristi, E. (2016). The Diamino Analogues of Privileged Corey-Bakshi-Shibata and Jorgensen-Hayashi Catalysts: a Comparison of Their Performance. [Synthesis-Stuttgart](#), 48(22), 3890-3906.

342 Garcia-Ponce, A., Chanez-Paredes, S., Castro-Ochoa, K. F. & Schnoor, M. (2016). Regulation of endothelial and epithelial barrier functions by peptide hormones of the adrenomedullin family: Tissue Barriers. [Tissue Barriers](#), 4(4), e1228439.